



Petroleum Supply Monthly

February 2016

With Data for December 2015

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Energy Information Administration

Office of Oil and Gas
U.S. Department of Energy
Washington, DC 20585

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Preface

The *Petroleum Supply Monthly* (PSM) is the monthly component of a series of three publications produced by the Office of Petroleum and Biofuels Statistics of the U.S. Energy Information Administration (EIA). The other two components are the *Weekly Petroleum Status Report* (WPSR) and the *Petroleum Supply Annual* (PSA). Together these publications present comprehensive petroleum and biofuel supply data on a weekly, monthly and annual basis.

Data presented in the *PSM* describe the supply and disposition of petroleum products in the United States and major U.S. geographic regions. The data series describe production, imports and exports, inter-Petroleum Administration for Defense (PAD) District movements, and inventories by the primary suppliers of petroleum products in the United States (50 States and the District of Columbia). The reporting universe includes those petroleum sectors in primary supply. Included are: petroleum refiners, motor gasoline blenders, oxygenate producers, operators of natural gas processing plants and fractionators, inter-PAD District transporters, importers, and major inventory holders of crude oil, petroleum products, and biofuels. When aggregated, the data reported by these sectors approximately represent the consumption of petroleum products in the United States.

Scope of data

The *PSM* presents statistics for the most current month available as well as year-to-date. In most cases, the statistics are presented for several geographic areas - - the United States (50 States and the District of Columbia), five PAD Districts, and 12 Refining Districts. At the U.S. and PAD District levels, the total volume and the daily rate of activities are presented. The statistics are developed from monthly survey forms submitted by respondents to the EIA and from data provided from other sources including federal and state agencies.

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- U.S. supply and disposition of crude oil, petroleum products, and biofuels
- Regional supply and disposition of crude oil, petroleum products, and biofuels
- Crude oil supply and disposition and production by state
- Natural Gas Processing
- Refinery Operations
- Imports of residual fuel oil by state of entry
- Imports by PADD
- Imports by country of origin
- Exports
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- Stocks
- Movements of crude oil, petroleum products, and biofuels

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Table 1. U.S. Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, December 2015
(Thousand Barrels)

Commodity	Supply					Disposition				Ending Stocks
	Field Production	Renewable Fuels and Oxygenate Plant Net Production	Refinery and Blender Net Production	Imports	Adjustments ¹	Stock Change ²	Refinery and Blender Net Inputs	Exports	Products Supplied ³	
Crude Oil⁴	287,133	--	--	244,915	-6,209	-6,054	519,726	12,167	0	1,176,487
Natural Gas Plant Liquids and Liquefied										
Refinery Gases	104,629	-682	10,243	5,580	--	-19,178	20,130	33,089	85,729	197,273
Pentanes Plus	12,666	-682	--	318	--	400	4,155	5,261	2,486	20,543
Liquefied Petroleum Gases	91,963	--	10,243	5,262	--	-19,578	15,975	27,827	83,244	176,730
Ethane/Ethylene	37,506	--	226	--	--	381	--	1,985	35,366	33,928
Propane/Propylene	35,143	--	17,905	4,461	--	-7,790	--	23,266	42,033	96,665
Normal Butane/Butylene	9,735	--	-7,540	335	--	-11,751	9,410	2,408	2,463	37,509
Isobutane/Isobutylene	9,579	--	-348	466	--	-418	6,565	167	3,383	8,628
Other Liquids	--	35,451	--	30,324	8,195	9,718	40,824	21,169	2,258	315,898
Hydrogen/Oxygenates/Renewables/										
Other Hydrocarbons	--	35,455	--	1,859	4,119	1,416	36,252	3,765	0	26,758
Hydrogen	--	--	--	--	7,103	--	7,103	--	0	--
Oxygenates (excluding Fuel Ethanol)	--	1,807	--	44	-387	-306	88	1,682	0	927
Renewable Fuels (including Fuel Ethanol) ...	--	33,648	--	1,789	-2,613	1,718	29,023	2,082	0	25,789
Fuel Ethanol	--	31,075	--	228	-389	1,493	27,472	1,949	0	21,438
Renewable Fuels Except Fuel Ethanol	--	2,573	--	1,561	-2,224	225	1,551	133	0	4,351
Other Hydrocarbons	--	--	--	26	16	4	38	--	0	42
Unfinished Oils	--	--	--	13,238	--	-3,453	4,078	10,354	2,259	82,625
Motor Gasoline Blend.Comp. (MGBC)	--	-4	--	15,227	4,075	11,754	494	7,050	0	206,507
Reformulated	--	--	--	6,764	6,970	2,744	10,987	3	0	50,862
Conventional	--	-4	--	8,463	-2,895	9,010	-10,493	7,047	0	155,645
Aviation Gasoline Blend. Comp.	--	--	--	--	--	1	0	--	-1	8
Finished Petroleum Products	--	61	604,594	20,698	-1,628	8,749	--	97,101	517,875	325,130
Finished Motor Gasoline	--	61	302,931	2,597	-3,686	648	--	17,793	283,462	28,453
Reformulated	--	--	97,575	--	-8,699	-16	--	--	88,892	30
Conventional	--	61	205,356	2,597	5,013	664	--	17,793	194,570	28,423
Finished Aviation Gasoline	--	--	293	1	--	11	--	--	283	878
Kerosene-Type Jet Fuel	--	--	52,638	3,355	--	2,269	--	4,811	48,913	40,256
Kerosene	--	--	867	258	--	-47	--	377	795	2,579
Distillate Fuel Oil ⁵	--	--	156,362	4,797	2,058	4,075	--	41,226	117,916	160,741
15 ppm sulfur and under ⁶	--	--	146,764	2,845	2,058	5,406	--	35,180	111,081	136,862
Greater than 15 ppm to 500 ppm sulfur ⁶	--	--	3,521	38	--	-642	--	3,808	393	8,376
Greater than 500 ppm sulfur	--	--	6,077	1,914	--	-689	--	2,239	6,441	15,503
Residual Fuel Oil ⁷	--	--	11,668	6,842	--	-1,499	--	9,740	10,269	42,189
Less than 0.31 percent sulfur	--	--	1,272	996	--	122	--	NA	NA	4,221
0.31 to 1.00 percent sulfur	--	--	1,627	685	--	210	--	NA	NA	5,878
Greater than 1.00 percent sulfur	--	--	8,769	5,161	--	-1,831	--	NA	NA	32,084
Petrochemical Feedstocks	--	--	9,680	1,156	--	68	--	--	10,768	3,260
Naphtha for Petro. Feed. Use	--	--	6,686	1,023	--	27	--	--	7,682	2,076
Other Oils for Petro. Feed. Use	--	--	2,994	133	--	41	--	--	3,086	1,184
Special Naphthas	--	--	955	312	--	-9	--	--	1,276	1,336
Lubricants	--	--	5,977	661	--	595	--	2,021	4,022	13,454
Waxes	--	--	151	99	--	18	--	113	119	573
Petroleum Coke	--	--	28,384	31	--	-813	--	20,422	8,806	6,053
Marketable	--	--	21,288	31	--	-813	--	20,422	1,710	6,053
Catalyst	--	--	7,096	--	--	--	--	--	7,096	--
Asphalt and Road Oil	--	--	9,956	587	--	3,459	--	555	6,529	24,582
Still Gas	--	--	21,690	--	--	--	--	--	21,690	--
Miscellaneous Products	--	--	3,042	2	--	-26	--	44	3,026	776
Total	391,762	34,830	614,837	301,517	358	-6,765	580,680	163,526	605,862	2,014,788

-- = Not Applicable.

-- = No Data Reported.

NA = Not Available.

¹ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for motor gasoline blending components, fuel ethanol, and distillate fuel oil. See Appendix B, Note 2C for a detailed explanation of these adjustments.

² A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks.

³ Product supplied is equal to field production, plus renewable fuels and oxygenate plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁴ Includes value for the Strategic Petroleum Reserve. See Table 25 for the breakout of Commercial Crude Oil. Crude oil stocks include an adjustment of 10,630 thousand barrels (constant since 1983) to account for incomplete survey reporting of stocks held on producing leases.

⁵ Distillate stocks located in the 'Northeast Reserves' are excluded. For details see Appendix D.

⁶ Exports of distillate fuel oil with sulfur greater than 15 ppm to 500 ppm may include distillate fuel oil with sulfur content 15 ppm and under due to product detail limitations in the exports data received from the U.S. Census Bureau.

⁷ Total residual fuel oil ending stocks and stock change include stocks held at pipelines. Residual fuel oil ending stocks and stock change by sulfur content exclude pipeline stocks.

Therefore, the sum of residual fuel oil ending stocks and stock change by sulfur content may not equal total residual fuel oil ending stocks and stock change.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-22M "Monthly Biodiesel Production Survey", EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal and Blender Report," EIA-816, "Monthly Natural Gas Liquids Report," and EIA-819, "Monthly Oxygenate Report." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil, Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, the U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates.

Table 2. U.S. Year-to-Date Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, January-December 2015
(Thousand Barrels)

Commodity	Supply					Disposition				Ending Stocks
	Field Production	Renewable Fuels and Oxygenate Plant Net Production	Refinery and Blender Net Production	Imports	Adjustments ¹	Stock Change ²	Refinery and Blender Net Inputs	Exports	Products Supplied ³	
Crude Oil⁴	3,441,967	--	--	2,682,946	49,690	91,814	5,915,532	167,258	0	1,176,487
Natural Gas Plant Liquids and Liquefied										
Refinery Gases	1,194,630	-7,655	223,448	52,563	--	21,920	188,270	353,016	899,780	197,273
Pentanes Plus	156,568	-7,655	--	4,027	--	-45	53,404	66,494	33,087	20,543
Liquefied Petroleum Gases	1,038,062	--	223,448	48,536	--	21,965	134,866	286,522	866,693	176,730
Ethane/Ethylene	404,287	--	2,134	36	--	-932	--	23,655	383,734	33,928
Propane/Propylene	407,750	--	203,954	40,908	--	18,716	--	224,651	409,245	96,665
Normal Butane/Butylene	118,151	--	19,905	3,811	--	4,284	61,611	35,674	40,298	37,509
Isobutane/Isobutylene	107,874	--	-2,545	3,781	--	-103	73,255	2,542	33,416	8,628
Other Liquids	--	406,228	--	430,453	136,207	6,335	778,303	191,737	-3,487	315,898
Hydrogen/Oxygenates/Renewables/	--	406,276	--	17,025	49,443	3,559	424,960	44,224	0	26,758
Other Hydrocarbons	--	--	--	--	76,589	--	76,589	--	0	--
Hydrogen	--	--	--	--	--	--	--	--	0	--
Oxygenates (excluding Fuel Ethanol)	--	23,692	--	1,314	-2,291	-143	830	22,028	0	927
Renewable Fuels (including Fuel Ethanol) ...	--	382,584	--	14,985	-24,548	3,708	347,117	22,196	0	25,789
Fuel Ethanol	--	352,520	--	2,179	-6,043	2,699	325,854	20,103	0	21,438
Renewable Fuels Except Fuel Ethanol	--	30,064	--	12,806	-18,505	1,009	21,263	2,093	0	4,351
Other Hydrocarbons	--	--	--	726	-308	-6	424	--	0	42
Unfinished Oils	--	--	--	197,300	--	4,131	100,826	95,761	-3,418	82,625
Motor Gasoline Blend.Comp. (MGBC)	--	-48	--	216,128	86,764	-1,354	252,447	51,751	0	206,507
Reformulated	--	--	--	62,855	75,345	-956	138,854	302	0	50,862
Conventional	--	-48	--	153,273	11,419	-398	113,593	51,449	0	155,645
Aviation Gasoline Blend. Comp.	--	--	--	--	--	-1	70	--	-69	8
Finished Petroleum Products	--	1,062	7,037,495	265,248	-60,742	38,264	--	1,021,760	6,183,038	325,130
Finished Motor Gasoline	--	1,062	3,568,871	26,041	-80,721	-2,162	--	173,800	3,343,615	28,453
Reformulated	--	--	1,148,738	--	-71,652	-8	--	--	1,077,094	30
Conventional	--	1,062	2,420,133	26,041	-9,069	-2,154	--	173,800	2,266,521	28,423
Finished Aviation Gasoline	--	--	3,953	25	--	-205	--	--	4,183	878
Kerosene-Type Jet Fuel	--	--	578,602	47,211	--	2,732	--	61,511	561,570	40,256
Kerosene	--	--	5,952	1,593	--	455	--	4,677	2,413	2,579
Distillate Fuel Oil ⁵	--	--	1,815,822	72,987	19,979	24,676	--	433,018	1,451,094	160,741
15 ppm sulfur and under ⁶	--	--	1,692,848	49,965	19,979	22,528	--	360,646	1,379,618	136,862
Greater than 15 ppm to 500 ppm sulfur ⁶	--	--	42,307	4,387	--	2,130	--	37,820	6,744	8,376
Greater than 500 ppm sulfur	--	--	80,667	18,635	--	18	--	34,552	64,732	15,503
Residual Fuel Oil ⁷	--	--	152,661	68,265	--	8,513	--	117,723	94,690	42,189
Less than 0.31 percent sulfur	--	--	16,444	5,665	--	322	--	NA	NA	4,221
0.31 to 1.00 percent sulfur	--	--	19,189	11,698	--	-374	--	NA	NA	5,878
Greater than 1.00 percent sulfur	--	--	117,028	50,902	--	8,565	--	NA	NA	32,084
Petrochemical Feedstocks	--	--	106,153	14,195	--	-146	--	--	120,494	3,260
Naphtha for Petro. Feed. Use	--	--	69,214	11,914	--	-197	--	--	81,325	2,076
Other Oils for Petro. Feed. Use	--	--	36,939	2,281	--	51	--	--	39,169	1,184
Special Naphthas	--	--	14,361	5,514	--	-107	--	--	19,982	1,336
Lubricants	--	--	65,629	12,425	--	2,230	--	26,474	49,350	13,454
Waxes	--	--	1,755	1,960	--	130	--	1,449	2,136	573
Petroleum Coke	--	--	318,717	3,837	--	-1,466	--	195,868	128,152	6,053
Marketable	--	--	236,689	3,837	--	-1,466	--	195,868	46,124	6,053
Catalyst	--	--	82,028	--	--	--	--	--	82,028	--
Asphalt and Road Oil	--	--	124,343	11,179	--	3,363	--	6,725	125,434	24,582
Still Gas	--	--	248,460	--	--	--	--	--	248,460	--
Miscellaneous Products	--	--	32,216	16	--	251	--	516	31,465	776
Total	4,636,597	399,635	7,260,943	3,431,210	125,155	158,333	6,882,105	1,733,771	7,079,331	2,014,788

-- = Not Applicable.

-- = No Data Reported.

NA = Not Available.

¹ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for motor gasoline blending components, fuel ethanol, and distillate fuel oil. See Appendix B, Note 2C for a detailed explanation of these adjustments.

² A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks.

³ Product supplied is equal to field production, plus renewable fuels and oxygenate plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁴ Includes value for the Strategic Petroleum Reserve. See Table 25 for the breakout of Commercial Crude Oil. Crude oil stocks include an adjustment of 10,630 thousand barrels (constant since 1983) to account for incomplete survey reporting of stocks held on producing leases.

⁵ Distillate stocks located in the 'Northeast Reserves' are excluded. For details see Appendix D.

⁶ Exports of distillate fuel oil with sulfur greater than 15 ppm to 500 ppm may include distillate fuel oil with sulfur content 15 ppm and under due to product detail limitations in the exports data received from the U.S. Census Bureau.

⁷ Total residual fuel oil ending stocks and stock change include stocks held at pipelines. Residual fuel oil ending stocks and stock change by sulfur content exclude pipeline stocks. Therefore, the sum of residual fuel oil ending stocks and stock change by sulfur content may not equal total residual fuel oil ending stocks and stock change.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-22M "Monthly Biodiesel Production Survey", EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal and Blender Report," EIA-816, "Monthly Natural Gas Liquids Report," and EIA-819, "Monthly Oxygenate Report." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil, Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, the U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates.

Table 3. U.S. Daily Average Supply and Disposition of Crude Oil and Petroleum Products, December 2015
(Thousand Barrels per Day)

Commodity	Supply					Disposition			
	Field Production	Renewable Fuels and Oxygenate Plant Net Production	Refinery and Blender Net Production	Imports	Adjustments ¹	Stock Change ²	Refinery and Blender Net Inputs	Exports	Products Supplied ³
Crude Oil⁴	9,262	--	--	7,900	-200	-195	16,765	392	0
Natural Gas Plant Liquids and Liquefied									
Refinery Gases	3,375	-22	330	180	--	-619	649	1,067	2,765
Pentanes Plus	409	-22	--	10	--	13	134	170	80
Liquefied Petroleum Gases	2,967	--	330	170	--	-632	515	898	2,685
Ethane/Ethylene	1,210	--	7	--	--	12	--	64	1,141
Propane/Propylene	1,134	--	578	144	--	-251	--	751	1,356
Normal Butane/Butylene	314	--	-243	11	--	-379	304	78	79
Isobutane/Isobutylene	309	--	-11	15	--	-13	212	5	109
Other Liquids	--	1,144	--	978	264	313	1,317	683	73
Hydrogen/Oxygenates/Renewables/									
Other Hydrocarbons	--	1,144	--	60	133	46	1,169	121	0
Hydrogen	--	--	--	--	229	--	229	--	0
Oxygenates (excluding Fuel Ethanol)	--	58	--	1	-12	-10	3	54	0
Renewable Fuels (including Fuel Ethanol)	--	1,085	--	58	-84	55	936	67	0
Fuel Ethanol	--	1,002	--	7	-13	48	886	63	0
Renewable Fuels Except Fuel Ethanol	--	83	--	50	-72	7	50	4	0
Other Hydrocarbons	--	--	--	1	1	0	1	--	0
Unfinished Oils	--	--	--	427	--	-111	132	334	73
Motor Gasoline Blend.Comp. (MGBC)	--	0	--	491	131	379	16	227	0
Reformulated	--	--	--	218	225	89	354	0	0
Conventional	--	0	--	273	-93	291	-338	227	0
Aviation Gasoline Blend. Comp.	--	--	--	--	--	0	0	--	0
Finished Petroleum Products	--	2	19,503	668	-53	282	--	3,132	16,706
Finished Motor Gasoline	--	2	9,772	84	-119	21	--	574	9,144
Reformulated	--	--	3,148	--	-281	-1	--	--	2,867
Conventional	--	2	6,624	84	162	21	--	574	6,276
Finished Aviation Gasoline	--	--	9	0	--	0	--	--	9
Kerosene-Type Jet Fuel	--	--	1,698	108	--	73	--	155	1,578
Kerosene	--	--	28	8	--	-2	--	12	26
Distillate Fuel Oil ⁵	--	--	5,044	155	66	131	--	1,330	3,804
15 ppm sulfur and under ⁶	--	--	4,734	92	66	174	--	1,135	3,583
Greater than 15 ppm to 500 ppm sulfur ⁶	--	--	114	1	--	-21	--	123	13
Greater than 500 ppm sulfur	--	--	196	62	--	-22	--	72	208
Residual Fuel Oil ⁷	--	--	376	221	--	-48	--	314	331
Less than 0.31 percent sulfur	--	--	41	32	--	4	--	NA	NA
0.31 to 1.00 percent sulfur	--	--	52	22	--	7	--	NA	NA
Greater than 1.00 percent sulfur	--	--	283	166	--	-59	--	NA	NA
Petrochemical Feedstocks	--	--	312	37	--	2	--	--	347
Naphtha for Petro. Feed. Use	--	--	216	33	--	1	--	--	248
Other Oils for Petro. Feed. Use	--	--	97	4	--	1	--	--	100
Special Naphthas	--	--	31	10	--	0	--	--	41
Lubricants	--	--	193	21	--	19	--	65	130
Waxes	--	--	5	3	--	1	--	4	4
Petroleum Coke	--	--	916	1	--	-26	--	659	284
Marketable	--	--	687	1	--	-26	--	659	55
Catalyst	--	--	229	--	--	--	--	--	229
Asphalt and Road Oil	--	--	321	19	--	112	--	18	211
Still Gas	--	--	700	--	--	--	--	--	700
Miscellaneous Products	--	--	98	0	--	-1	--	1	98
Total	12,637	1,124	19,833	9,726	12	-218	18,732	5,275	19,544

-- = Not Applicable.

-- = No Data Reported.

NA = Not Available.

¹ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for motor gasoline blending components, fuel ethanol, and distillate fuel oil. See Appendix B, Note 2C for a detailed explanation of these adjustments.

² A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks.

³ Product supplied is equal to field production, plus renewable fuels and oxygenate plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁴ Includes value for the Strategic Petroleum Reserve. See Table 25 for the breakout of Commercial Crude Oil.

⁵ Distillate stocks located in the 'Northeast Reserves' are excluded. For details see Appendix D.

⁶ Exports of distillate fuel oil with sulfur greater than 15 ppm to 500 ppm may include distillate fuel oil with sulfur content 15 ppm and under due to product detail limitations in the exports data received from the U.S. Census Bureau.

⁷ Total residual fuel oil ending stocks and stock change include stocks held at pipelines. Residual fuel oil ending stocks and stock change by sulfur content exclude pipeline stocks. Therefore, the sum of residual fuel oil ending stocks and stock change by sulfur content may not equal total residual fuel oil ending stocks and stock change.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-22M "Monthly Biodiesel Production Survey", EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal and Blender Report," EIA-816, "Monthly Natural Gas Liquids Report," and EIA-819, "Monthly Oxygenate Report." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil, Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, the U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates.

Table 4. U.S. Year-to-Date Daily Average Supply and Disposition of Crude Oil and Petroleum Products, January-December 2015
(Thousand Barrels per Day)

Commodity	Supply					Disposition			
	Field Production	Renewable Fuels and Oxygenate Plant Net Production	Refinery and Blender Net Production	Imports	Adjustments ¹	Stock Change ²	Refinery and Blender Net Inputs	Exports	Products Supplied ³
Crude Oil⁴	9,430	--	--	7,351	136	252	16,207	458	0
Natural Gas Plant Liquids and Liquefied									
Refinery Gases	3,273	-21	612	144	--	60	516	967	2,465
Pentanes Plus	429	-21	--	11	--	0	146	182	91
Liquefied Petroleum Gases	2,844	--	612	133	--	60	369	785	2,375
Ethane/Ethylene	1,108	--	6	0	--	-3	--	65	1,051
Propane/Propylene	1,117	--	559	112	--	51	--	615	1,121
Normal Butane/Butylene	324	--	55	10	--	12	169	98	110
Isobutane/Isobutylene	296	--	-7	10	--	0	201	7	92
Other Liquids	--	1,113	--	1,179	373	17	2,132	525	-10
Hydrogen/Oxygenates/Renewables/									
Other Hydrocarbons	--	1,113	--	47	135	10	1,164	121	0
Hydrogen	--	--	--	--	210	--	210	--	0
Oxygenates (excluding Fuel Ethanol)	--	65	--	4	-6	0	2	60	0
Renewable Fuels (including Fuel Ethanol)	--	1,048	--	41	-67	10	951	61	0
Fuel Ethanol	--	966	--	6	-17	7	893	55	0
Renewable Fuels Except Fuel Ethanol	--	82	--	35	-51	3	58	6	0
Other Hydrocarbons	--	--	--	2	-1	0	1	--	0
Unfinished Oils	--	--	--	541	--	11	276	262	-9
Motor Gasoline Blend.Comp. (MGBC)	--	0	--	592	238	-4	692	142	0
Reformulated	--	--	--	172	206	-3	380	1	0
Conventional	--	0	--	420	31	-1	311	141	0
Aviation Gasoline Blend. Comp.	--	--	--	--	--	0	0	--	0
Finished Petroleum Products	--	3	19,281	727	-166	105	--	2,799	16,940
Finished Motor Gasoline	--	3	9,778	71	-221	-6	--	476	9,161
Reformulated	--	--	3,147	--	-196	0	--	--	2,951
Conventional	--	3	6,631	71	-25	-6	--	476	6,210
Finished Aviation Gasoline	--	--	11	0	--	-1	--	--	11
Kerosene-Type Jet Fuel	--	--	1,585	129	--	7	--	169	1,539
Kerosene	--	--	16	4	--	1	--	13	7
Distillate Fuel Oil ⁵	--	--	4,975	200	55	68	--	1,186	3,976
15 ppm sulfur and under ⁶	--	--	4,638	137	55	62	--	988	3,780
Greater than 15 ppm to 500 ppm sulfur ⁶	--	--	116	12	--	6	--	104	18
Greater than 500 ppm sulfur	--	--	221	51	--	0	--	95	177
Residual Fuel Oil ⁷	--	--	418	187	--	23	--	323	259
Less than 0.31 percent sulfur	--	--	45	16	--	1	--	NA	NA
0.31 to 1.00 percent sulfur	--	--	53	32	--	-1	--	NA	NA
Greater than 1.00 percent sulfur	--	--	321	139	--	23	--	NA	NA
Petrochemical Feedstocks	--	--	291	39	--	0	--	--	330
Naphtha for Petro. Feed. Use	--	--	190	33	--	-1	--	--	223
Other Oils for Petro. Feed. Use	--	--	101	6	--	0	--	--	107
Special Naphthas	--	--	39	15	--	0	--	--	55
Lubricants	--	--	180	34	--	6	--	73	135
Waxes	--	--	5	5	--	0	--	4	6
Petroleum Coke	--	--	873	11	--	-4	--	537	351
Marketable	--	--	648	11	--	-4	--	537	126
Catalyst	--	--	225	--	--	--	--	--	225
Asphalt and Road Oil	--	--	341	31	--	9	--	18	344
Still Gas	--	--	681	--	--	--	--	--	681
Miscellaneous Products	--	--	88	0	--	1	--	1	86
Total	12,703	1,095	19,893	9,401	343	434	18,855	4,750	19,395

-- = Not Applicable.

-- = No Data Reported.

NA = Not Available.

¹ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for motor gasoline blending components, fuel ethanol, and distillate fuel oil. See Appendix B, Note 2C for a detailed explanation of these adjustments.

² A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks.

³ Product supplied is equal to field production, plus renewable fuels and oxygenate plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁴ Includes value for the Strategic Petroleum Reserve. See Table 25 for the breakout of Commercial Crude Oil.

⁵ Distillate stocks located in the 'Northeast Reserves' are excluded. For details see Appendix D.

⁶ Exports of distillate fuel oil with sulfur greater than 15 ppm to 500 ppm may include distillate fuel oil with sulfur content 15 ppm and under due to product detail limitations in the exports data received from the U.S. Census Bureau.

⁷ Total residual fuel oil ending stocks and stock change include stocks held at pipelines. Residual fuel oil ending stocks and stock change by sulfur content exclude pipeline stocks. Therefore, the sum of residual fuel oil ending stocks and stock change by sulfur content may not equal total residual fuel oil ending stocks and stock change.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-22M "Monthly Biodiesel Production Survey", EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal and Blender Report," EIA-816, "Monthly Natural Gas Liquids Report," and EIA-819, "Monthly Oxygenate Report." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil, Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, the U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates.

Table 5. PAD District 1 - Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, December 2015
(Thousand Barrels)

Commodity	Supply						Disposition				
	Field Production	Renewable Fuels and Oxygenate Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵	Ending Stocks
Crude Oil⁶	1,479	--	--	21,756	11,999	3,151	1,162	35,500	1,723	0	16,298
Natural Gas Plant Liquids and Liquefied Refinery Gases	9,362	-13	436	1,822	-645	--	-645	1,503	1,519	8,585	8,270
Pentanes Plus	1,085	-13	--	--	-11	--	40	95	30	896	209
Liquefied Petroleum Gases	8,277	--	436	1,822	-634	--	-685	1,408	1,489	7,689	8,061
Ethane/Ethylene	3,174	--	19	--	-3,224	--	31	--	--	-62	118
Propane/Propylene	3,478	--	1,217	1,571	2,608	--	-363	--	1,202	8,035	6,723
Normal Butane/Butylene	1,173	--	-800	84	-5	--	-363	996	286	-467	1,028
Isobutane/Isobutylene	452	--	0	167	-13	--	10	412	0	184	192
Other Liquids	--	864	--	14,766	58,335	6,999	4,158	77,475	1,199	-1,867	68,582
Hydrogen/Oxygenates/Renewables/											
Other Hydrocarbons	--	867	--	769	10,903	-557	1,445	10,417	121	0	8,664
Hydrogen	--	--	--	--	--	137	--	137	--	0	--
Oxygenates (excluding Fuel Ethanol)	--	--	--	--	--	1	--	--	1	0	--
Renewable Fuels (including Fuel Ethanol)	--	867	--	769	10,903	-695	1,445	10,280	120	0	8,664
Fuel Ethanol	--	732	--	5	10,703	-142	1,128	10,051	119	0	7,218
Renewable Fuels Except Fuel Ethanol	--	135	--	764	200	-552	317	229	1	0	1,446
Other Hydrocarbons	--	--	--	--	--	--	--	--	--	--	--
Unfinished Oils	--	--	--	513	-68	--	22	1,218	1,072	-1,867	5,477
Motor Gasoline Blend. Comp. (MGBC)	--	-3	--	13,484	47,500	7,556	2,691	65,840	6	0	54,441
Reformulated	--	--	--	6,764	8,987	2,351	1,841	16,260	1	0	19,757
Conventional	--	-3	--	6,720	38,513	5,205	850	49,580	5	0	34,684
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	--	115,767	11,779	49,903	-6,995	101	--	2,983	167,369	99,820
Finished Motor Gasoline	--	--	95,801	2,448	10,376	-7,414	-715	--	14	101,912	5,838
Reformulated	--	--	39,081	--	--	-2,476	-12	--	--	36,617	16
Conventional	--	--	56,720	2,448	10,376	-4,937	-703	--	14	65,295	5,822
Finished Aviation Gasoline	--	--	--	1	959	--	-26	--	--	986	141
Kerosene-Type Jet Fuel	--	--	2,942	1,394	12,768	--	1,529	--	17	15,558	10,073
Kerosene	--	--	128	258	--	--	-118	--	1	503	1,982
Distillate Fuel Oil ⁷	--	--	10,864	4,027	24,887	418	-2,098	--	1,373	40,922	64,452
15 ppm sulfur and under ⁸	--	--	9,276	2,733	21,556	418	-1,238	--	1,222	33,999	49,347
Greater than 15 ppm to 500 ppm sulfur ⁸	--	--	267	38	267	--	-671	--	150	1,093	5,204
Greater than 500 ppm sulfur	--	--	1,321	1,256	3,064	--	-189	--	0	5,830	9,901
Residual Fuel Oil ⁹	--	--	1,481	3,174	107	--	663	--	992	3,107	11,450
Less than 0.31 percent sulfur	--	--	269	759	100	--	149	--	NA	NA	1,602
0.31 to 1.00 percent sulfur	--	--	162	628	--	--	556	--	NA	NA	2,627
Greater than 1.00 percent sulfur	--	--	1,050	1,787	7	--	-42	--	NA	NA	7,221
Petrochemical Feedstocks	--	--	105	3	2	--	0	--	--	110	151
Naphtha for Petro. Feed. Use	--	--	105	1	48	--	0	--	--	154	151
Other Oils for Petro. Feed. Use	--	--	--	2	-46	--	--	--	--	-44	--
Special Naphthas	--	--	20	--	--	--	1	--	--	19	30
Lubricants	--	--	349	168	472	--	74	--	139	776	1,210
Waxes	--	--	13	57	--	--	23	--	47	0	301
Petroleum Coke	--	--	1,221	1	--	--	--	--	317	905	--
Marketable	--	--	479	1	--	--	--	--	317	163	--
Catalyst	--	--	742	--	--	--	--	--	--	742	--
Asphalt and Road Oil	--	--	1,430	248	420	--	762	--	62	1,274	4,155
Still Gas	--	--	1,314	--	--	--	--	--	--	1,314	--
Miscellaneous Products	--	--	99	--	-88	--	6	--	22	-17	37
Total	10,841	851	116,203	50,123	119,592	3,155	4,776	114,478	7,424	174,087	192,970

-- = Not Applicable.

-- = No Data Reported.

NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

² Includes implied net receipts for fuel ethanol and oxygenates (excluding fuel ethanol). Implied net receipts are calculated as the sum of stock change, refinery and blender net inputs, and exports minus the sum of Renewable Fuels and Oxygenate Plant Net Production, Imports, and Adjustments. Includes crude oil receipts by rail.

³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for motor gasoline blending components, fuel ethanol, and distillate fuel oil. See Appendix B, Note 2C for a detailed explanation of these adjustments.

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks.

⁵ Product supplied is equal to field production, plus renewable fuels and oxygenate plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁶ Crude oil stocks include an adjustment of 10,630 thousand barrels (constant since 1983) to account for incomplete survey reporting of stocks held on producing leases.

⁷ Distillate stocks located in the 'Northeast Reserves' are excluded. For details see Appendix D.

⁸ Exports of distillate fuel oil with sulfur greater than 15 ppm to 500 ppm may include distillate fuel oil with sulfur content 15 ppm and under due to product detail limitations in the exports data received from the U.S. Census Bureau.

⁹ Total residual fuel oil ending stocks and stock change include stocks held at pipelines. Residual fuel oil ending stocks and stock change by sulfur content exclude pipeline stocks. Therefore, the sum of residual fuel oil ending stocks and stock change by sulfur content may not equal total residual fuel oil ending stocks and stock change.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-22M "Monthly Biodiesel Production Survey", Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal and Blender Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Oxygenate Report." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil, Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 6. PAD District 1 - Year-to-Date Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, January-December 2015
(Thousand Barrels)

Commodity	Supply						Disposition				
	Field Production	Renewable Fuels and Oxygenate Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵	Ending Stocks
Crude Oil⁶	18,221	--	--	227,582	159,200	34,394	1,159	409,330	28,908	0	16,298
Natural Gas Plant Liquids and Liquefied Refinery Gases	101,032	-191	14,223	16,761	-4,395	--	937	12,599	16,573	97,321	8,270
Pentanes Plus	11,667	-191	--	9	4	--	99	583	706	10,101	209
Liquefied Petroleum Gases	89,365	--	14,223	16,752	-4,399	--	838	12,016	15,867	87,220	8,061
Ethane/Ethylene	30,795	--	170	--	-31,804	--	30	--	--	-869	118
Propane/Propylene	40,162	--	13,538	14,893	27,621	--	1,016	--	13,748	81,450	6,723
Normal Butane/Butylene	13,129	--	848	540	-60	--	-264	8,450	2,096	4,175	1,028
Isobutane/Isobutylene	5,279	--	-333	1,319	-156	--	56	3,566	24	2,463	192
Other Liquids	--	10,490	--	213,867	625,221	99,631	1,009	946,191	8,106	-6,096	68,582
Hydrogen/Oxygenates/Renewables/											
Other Hydrocarbons	--	10,526	--	5,673	115,683	-4,917	1,337	124,272	1,357	0	8,664
Hydrogen	--	--	--	--	--	1,547	--	1,547	--	0	--
Oxygenates (excluding Fuel Ethanol)	--	--	--	--	--	17	--	--	17	0	--
Renewable Fuels (including Fuel Ethanol)	--	10,526	--	5,672	115,683	-6,480	1,337	122,725	1,340	0	8,664
Fuel Ethanol	--	9,015	--	981	114,117	-2,215	1,132	119,438	1,328	0	7,218
Renewable Fuels Except Fuel Ethanol	--	1,511	--	4,691	1,566	-4,264	205	3,287	12	0	1,446
Other Hydrocarbons	--	--	--	1	--	-1	--	--	--	0	--
Unfinished Oils	--	--	--	18,775	506	--	909	19,887	4,581	-6,096	5,477
Motor Gasoline Blend. Comp. (MGBC)	--	-36	--	189,419	509,032	104,547	-1,237	802,032	2,167	0	54,441
Reformulated	--	--	--	60,781	106,362	38,773	257	205,646	13	0	19,757
Conventional	--	-36	--	128,638	402,670	65,774	-1,494	596,386	2,154	0	34,684
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	--	1,372,482	157,095	580,577	-98,341	31,907	--	36,744	1,943,162	99,820
Finished Motor Gasoline	--	--	1,135,198	22,680	119,168	-102,332	436	--	1,010	1,173,268	5,838
Reformulated	--	--	460,501	--	--	-26,269	-10	--	--	434,242	16
Conventional	--	--	674,697	22,680	119,168	-76,063	446	--	1,010	739,025	5,822
Finished Aviation Gasoline	--	--	--	12	3,982	--	-28	--	--	4,022	141
Kerosene-Type Jet Fuel	--	--	35,053	25,513	148,514	--	1,295	--	214	207,571	10,073
Kerosene	--	--	1,118	1,593	--	--	425	--	165	2,121	1,982
Distillate Fuel Oil ⁷	--	--	127,032	61,908	297,046	3,991	25,076	--	15,718	449,184	64,452
15 ppm sulfur and under ⁸	--	--	108,095	44,367	262,915	3,991	21,836	--	7,180	390,352	49,347
Greater than 15 ppm to 500 ppm sulfur ⁸	--	--	5,099	4,343	2,414	--	1,574	--	7,310	2,972	5,204
Greater than 500 ppm sulfur	--	--	13,838	13,198	31,717	--	1,666	--	1,227	55,860	9,901
Residual Fuel Oil ⁹	--	--	17,986	33,789	1,679	--	3,727	--	10,197	39,530	11,450
Less than 0.31 percent sulfur	--	--	3,424	2,935	100	--	-157	--	NA	NA	1,602
0.31 to 1.00 percent sulfur	--	--	2,106	6,583	--	--	1,183	--	NA	NA	2,627
Greater than 1.00 percent sulfur	--	--	12,456	24,271	1,579	--	2,701	--	NA	NA	7,221
Petrochemical Feedstocks	--	--	1,505	228	-308	--	77	--	--	1,348	151
Naphtha for Petro. Feed. Use	--	--	1,505	199	23	--	77	--	--	1,650	151
Other Oils for Petro. Feed. Use	--	--	--	29	-331	--	--	--	--	-302	--
Special Naphthas	--	--	259	--	--	--	4	--	--	255	30
Lubricants	--	--	4,380	1,942	7,046	--	5	--	2,019	11,344	1,210
Waxes	--	--	64	1,095	--	--	159	--	841	159	301
Petroleum Coke	--	--	12,867	1,438	--	--	--	--	4,966	9,339	--
Marketable	--	--	4,638	1,438	--	--	--	--	4,966	1,110	--
Catalyst	--	--	8,229	--	--	--	--	--	--	8,229	--
Asphalt and Road Oil	--	--	20,364	6,897	3,538	--	725	--	1,396	28,678	4,155
Still Gas	--	--	15,605	--	--	--	--	--	--	15,605	--
Miscellaneous Products	--	--	1,051	--	-88	--	6	--	218	739	37
Total	119,253	10,299	1,386,705	615,305	1,360,603	35,684	35,012	1,368,120	90,331	2,034,387	192,970

-- = Not Applicable.

-- = No Data Reported.

NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

² Includes implied net receipts for fuel ethanol and oxygenates (excluding fuel ethanol). Implied net receipts are calculated as the sum of stock change, refinery and blender net inputs, and exports minus the sum of Renewable Fuels and Oxygenate Plant Net Production, Imports, and Adjustments. Includes crude oil receipts by rail.

³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for motor gasoline blending components, fuel ethanol, and distillate fuel oil. See Appendix B, Note 2C for a detailed explanation of these adjustments.

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks.

⁵ Product supplied is equal to field production, plus renewable fuels and oxygenate plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁶ Crude oil stocks include an adjustment of 10,630 thousand barrels (constant since 1983) to account for incomplete survey reporting of stocks held on producing leases.

⁷ Distillate stocks located in the 'Northeast Reserves' are excluded. For details see Appendix D.

⁸ Exports of distillate fuel oil with sulfur greater than 15 ppm to 500 ppm may include distillate fuel oil with sulfur content 15 ppm and under due to product detail limitations in the exports data received from the U.S. Census Bureau.

⁹ Total residual fuel oil ending stocks and stock change include stocks held at pipelines. Residual fuel oil ending stocks and stock change by sulfur content exclude pipeline stocks. Therefore, the sum of residual fuel oil ending stocks and stock change by sulfur content may not equal total residual fuel oil ending stocks and stock change.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-22M "Monthly Biodiesel Production Survey", Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal and Blender Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Oxygenate Report." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil, Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 7. PAD District 1 - Daily Average Supply and Disposition of Crude Oil and Petroleum Products, December 2015
(Thousand Barrels per Day)

Commodity	Supply						Disposition			
	Field Production	Renewable Fuels and Oxygenate Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵
Crude Oil	48	--	--	702	387	102	37	1,145	56	0
Natural Gas Plant Liquids and Liquefied										
Refinery Gases	302	0	14	59	-21	--	-21	48	49	277
Pentanes Plus	35	0	--	--	0	--	1	3	1	29
Liquefied Petroleum Gases	267	--	14	59	-20	--	-22	45	48	248
Ethane/Ethylene	102	--	1	--	-104	--	1	--	--	-2
Propane/Propylene	112	--	39	51	84	--	-12	--	39	259
Normal Butane/Butylene	38	--	-26	3	0	--	-12	32	9	-15
Isobutane/Isobutylene	15	--	0	5	0	--	0	13	0	6
Other Liquids	--	28	--	476	1,882	226	134	2,499	39	-60
Hydrogen/Oxygenates/Renewables/										
Other Hydrocarbons	--	28	--	25	352	-18	47	336	4	0
Hydrogen	--	--	--	--	--	4	--	4	--	0
Oxygenates (excluding Fuel Ethanol)	--	--	--	--	--	0	--	--	0	0
Renewable Fuels (including Fuel Ethanol)	--	28	--	25	352	-22	47	332	4	0
Fuel Ethanol	--	24	--	0	345	-5	36	324	4	0
Renewable Fuels Except Fuel Ethanol	--	4	--	25	6	-18	10	7	0	0
Other Hydrocarbons	--	--	--	--	--	--	--	--	--	--
Unfinished Oils	--	--	--	17	-2	--	1	39	35	-60
Motor Gasoline Blend.Comp. (MGBC)	--	0	--	435	1,532	244	87	2,124	0	0
Reformulated	--	--	--	218	290	76	59	525	0	0
Conventional	--	0	--	217	1,242	168	27	1,599	0	0
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	--	3,734	380	1,610	-226	3	--	96	5,399
Finished Motor Gasoline	--	--	3,090	79	335	-239	-23	--	0	3,287
Reformulated	--	--	1,261	--	--	-80	0	--	--	1,181
Conventional	--	--	1,830	79	335	-159	-23	--	0	2,106
Finished Aviation Gasoline	--	--	--	0	31	--	-1	--	--	32
Kerosene-Type Jet Fuel	--	--	95	45	412	--	49	--	1	502
Kerosene	--	--	4	8	--	--	-4	--	0	16
Distillate Fuel Oil ⁶	--	--	350	130	803	13	-68	--	44	1,320
15 ppm sulfur and under ⁷	--	--	299	88	695	13	-40	--	39	1,097
Greater than 15 ppm to 500 ppm sulfur ⁷	--	--	9	1	9	--	-22	--	5	35
Greater than 500 ppm sulfur	--	--	43	41	99	--	-6	--	0	188
Residual Fuel Oil ⁸	--	--	48	102	3	--	21	--	32	100
Less than 0.31 percent sulfur	--	--	9	24	3	--	5	--	NA	NA
0.31 to 1.00 percent sulfur	--	--	5	20	--	--	18	--	NA	NA
Greater than 1.00 percent sulfur	--	--	34	58	0	--	-1	--	NA	NA
Petrochemical Feedstocks	--	--	3	0	0	--	0	--	--	4
Naphtha for Petro. Feed. Use	--	--	3	0	2	--	0	--	--	5
Other Oils for Petro. Feed. Use	--	--	--	0	-1	--	--	--	--	-1
Special Naphthas	--	--	1	--	--	--	0	--	--	1
Lubricants	--	--	11	5	15	--	2	--	4	25
Waxes	--	--	0	2	--	--	1	--	2	0
Petroleum Coke	--	--	39	0	--	--	--	--	10	29
Marketable	--	--	15	0	--	--	--	--	10	5
Catalyst	--	--	24	--	--	--	--	--	--	24
Asphalt and Road Oil	--	--	46	8	14	--	25	--	2	41
Still Gas	--	--	42	--	--	--	--	--	--	42
Miscellaneous Products	--	--	3	--	-3	--	0	--	1	-1
Total	350	27	3,748	1,617	3,858	102	154	3,693	239	5,616

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

² Includes implied net receipts for fuel ethanol and oxygenates (excluding fuel ethanol). Implied net receipts are calculated as the sum of stock change, refinery and blender net inputs, and exports minus the sum of Renewable Fuels and Oxygenate Plant Net Production, Imports, and Adjustments. Includes crude oil receipts by rail.

³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for motor gasoline blending components, fuel ethanol, and distillate fuel oil. See Appendix B, Note 2C for a detailed explanation of these adjustments.

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks.

⁵ Product supplied is equal to field production, plus renewable fuels and oxygenate plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁶ Distillate stocks located in the 'Northeast Reserves' are excluded. For details see Appendix D.

⁷ Exports of distillate fuel oil with sulfur greater than 15 ppm to 500 ppm may include distillate fuel oil with sulfur content 15 ppm and under due to product detail limitations in the exports data received from the U.S. Census Bureau.

⁸ Total residual fuel oil ending stocks and stock change include stocks held at pipelines. Residual fuel oil ending stocks and stock change by sulfur content exclude pipeline stocks.

Therefore, the sum of residual fuel oil ending stocks and stock change by sulfur content may not equal total residual fuel oil ending stocks and stock change.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-22M "Monthly Biodiesel Production Survey", Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal and Blender Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Oxygenate Report." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil, Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 8. PAD District 1 - Year-to-Date Daily Average Supply and Disposition of Crude Oil and Petroleum Products, January-December 2015
(Thousand Barrels per Day)

Commodity	Supply						Disposition			
	Field Production	Renewable Fuels and Oxygenate Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵
Crude Oil	50	--	--	624	436	94	3	1,121	79	0
Natural Gas Plant Liquids and Liquefied										
Refinery Gases	277	-1	39	46	-12	--	3	35	45	267
Pentanes Plus	32	-1	--	0	0	--	0	2	2	28
Liquefied Petroleum Gases	245	--	39	46	-12	--	2	33	43	239
Ethane/Ethylene	84	--	0	--	-87	--	0	--	--	-2
Propane/Propylene	110	--	37	41	76	--	3	--	38	223
Normal Butane/Butylene	36	--	2	1	0	--	-1	23	6	11
Isobutane/Isobutylene	14	--	-1	4	0	--	0	10	0	7
Other Liquids	--	29	--	586	1,713	273	3	2,592	22	-17
Hydrogen/Oxygenates/Renewables/Other Hydrocarbons	--	29	--	16	317	-13	4	340	4	0
Hydrogen	--	--	--	--	--	4	--	4	--	0
Oxygenates (excluding Fuel Ethanol)	--	--	--	--	--	0	--	--	0	0
Renewable Fuels (including Fuel Ethanol)	--	29	--	16	317	-18	4	336	4	0
Fuel Ethanol	--	25	--	3	313	-6	3	327	4	0
Renewable Fuels Except Fuel Ethanol	--	4	--	13	4	-12	1	9	0	0
Other Hydrocarbons	--	--	--	0	--	0	--	--	--	0
Unfinished Oils	--	--	--	51	1	--	2	54	13	-17
Motor Gasoline Blend.Comp. (MGBC)	--	0	--	519	1,395	286	-3	2,197	6	0
Reformulated	--	--	--	167	291	106	1	563	0	0
Conventional	--	0	--	352	1,103	180	-4	1,634	6	0
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	--	3,760	430	1,591	-269	87	--	101	5,324
Finished Motor Gasoline	--	--	3,110	62	326	-280	1	--	3	3,214
Reformulated	--	--	1,262	--	--	-72	0	--	--	1,190
Conventional	--	--	1,848	62	326	-208	1	--	3	2,025
Finished Aviation Gasoline	--	--	--	0	11	--	0	--	--	11
Kerosene-Type Jet Fuel	--	--	96	70	407	--	4	--	1	569
Kerosene	--	--	3	4	--	--	1	--	0	6
Distillate Fuel Oil ⁶	--	--	348	170	814	11	69	--	43	1,231
15 ppm sulfur and under ⁷	--	--	296	122	720	11	60	--	20	1,069
Greater than 15 ppm to 500 ppm sulfur ⁷	--	--	14	12	7	--	4	--	20	8
Greater than 500 ppm sulfur	--	--	38	36	87	--	5	--	3	153
Residual Fuel Oil ⁸	--	--	49	93	5	--	10	--	28	108
Less than 0.31 percent sulfur	--	--	9	8	0	--	0	--	NA	NA
0.31 to 1.00 percent sulfur	--	--	6	18	--	--	3	--	NA	NA
Greater than 1.00 percent sulfur	--	--	34	66	4	--	7	--	NA	NA
Petrochemical Feedstocks	--	--	4	1	-1	--	0	--	--	4
Naphtha for Petro. Feed. Use	--	--	4	1	0	--	0	--	--	5
Other Oils for Petro. Feed. Use	--	--	--	0	-1	--	--	--	--	-1
Special Naphthas	--	--	1	--	--	--	0	--	--	1
Lubricants	--	--	12	5	19	--	0	--	6	31
Waxes	--	--	0	3	--	--	0	--	2	0
Petroleum Coke	--	--	35	4	--	--	--	--	14	26
Marketable	--	--	13	4	--	--	--	--	14	3
Catalyst	--	--	23	--	--	--	--	--	--	23
Asphalt and Road Oil	--	--	56	19	10	--	2	--	4	79
Still Gas	--	--	43	--	--	--	--	--	--	43
Miscellaneous Products	--	--	3	--	0	--	0	--	1	2
Total	327	28	3,799	1,686	3,728	98	96	3,748	247	5,574

-- = Not Applicable.

-- = No Data Reported.

NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

² Includes implied net receipts for fuel ethanol and oxygenates (excluding fuel ethanol). Implied net receipts are calculated as the sum of stock change, refinery and blender net inputs, and exports minus the sum of Renewable Fuels and Oxygenate Plant Net Production, Imports, and Adjustments. Includes crude oil receipts by rail.

³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for motor gasoline blending components, fuel ethanol, and distillate fuel oil. See Appendix B, Note 2C for a detailed explanation of these adjustments.

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks.

⁵ Product supplied is equal to field production, plus renewable fuels and oxygenate plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁶ Distillate stocks located in the 'Northeast Reserves' are excluded. For details see Appendix D.

⁷ Exports of distillate fuel oil with sulfur greater than 15 ppm to 500 ppm may include distillate fuel oil with sulfur content 15 ppm and under due to product detail limitations in the exports data received from the U.S. Census Bureau.

⁸ Total residual fuel oil ending stocks and stock change include stocks held at pipelines. Residual fuel oil ending stocks and stock change by sulfur content exclude pipeline stocks. Therefore, the sum of residual fuel oil ending stocks and stock change by sulfur content may not equal total residual fuel oil ending stocks and stock change.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-22M "Monthly Biodiesel Production Survey", Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal and Blender Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Oxygenate Report." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil, Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 9. PAD District 2 - Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, December 2015
(Thousand Barrels)

Commodity	Supply						Disposition				
	Field Production	Renewable Fuels and Oxygenate Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵	Ending Stocks
Crude Oil⁶	55,847	--	--	80,007	-8,074	-11,409	1,967	113,496	908	0	150,472
Natural Gas Plant Liquids and Liquefied Refinery Gases	24,018	-627	734	2,364	-2,137	--	-5,617	3,788	7,366	18,815	54,687
Pentanes Plus	2,800	-627	--	3	5,421	--	1,269	352	5,048	928	9,997
Liquefied Petroleum Gases	21,218	--	734	2,361	-7,558	--	-6,886	3,436	2,318	17,887	44,690
Ethane/Ethylene	7,423	--	--	--	-1,744	--	207	--	1,985	3,487	5,180
Propane/Propylene	9,066	--	3,623	1,897	-5,827	--	-3,780	--	69	12,470	25,931
Normal Butane/Butylene	3,029	--	-2,724	187	-165	--	-3,278	1,958	264	1,383	11,630
Isobutane/Isobutylene	1,700	--	-165	277	178	--	-35	1,478	--	547	1,949
Other Liquids	--	30,381	--	356	-15,047	180	2,785	14,164	852	-1,930	67,210
Hydrogen/Oxygenates/Renewables/											
Other Hydrocarbons	--	30,382	--	9	-21,054	443	280	8,995	505	0	8,012
Hydrogen	--	--	--	--	--	1,132	--	1,132	--	0	--
Oxygenates (excluding Fuel Ethanol)	--	--	--	--	--	0	--	--	0	0	--
Renewable Fuels (including Fuel Ethanol)	--	30,382	--	--	-21,054	-723	276	7,825	504	0	7,970
Fuel Ethanol	--	28,521	--	--	-20,338	-106	103	7,483	491	0	7,057
Renewable Fuels Except Fuel Ethanol	--	1,861	--	--	-715	-617	173	342	14	0	913
Other Hydrocarbons	--	--	--	9	--	33	4	38	--	0	42
Unfinished Oils	--	--	--	--	-1,689	--	-381	399	223	-1,930	12,873
Motor Gasoline Blend. Comp. (MGBC)	--	-1	--	347	7,696	-262	2,886	4,770	124	0	46,325
Reformulated	--	--	--	--	1,346	-458	44	844	--	0	6,129
Conventional	--	-1	--	347	6,350	196	2,842	3,926	124	0	40,196
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	61	137,697	760	5,246	1,007	4,375	--	3,135	137,261	62,138
Finished Motor Gasoline	--	61	78,840	--	415	368	717	--	979	77,988	7,325
Reformulated	--	--	11,392	--	--	577	--	--	--	11,969	--
Conventional	--	61	67,448	--	415	-209	717	--	979	66,019	7,325
Finished Aviation Gasoline	--	--	31	--	52	--	-15	--	--	98	177
Kerosene-Type Jet Fuel	--	--	7,427	--	930	--	451	--	890	7,016	6,787
Kerosene	--	--	348	--	--	--	50	--	--	298	215
Distillate Fuel Oil	--	--	33,109	59	4,202	639	1,747	--	286	35,975	31,894
15 ppm sulfur and under ⁷	--	--	32,968	38	4,072	639	1,507	--	0	36,209	31,020
Greater than 15 ppm to 500 ppm sulfur ⁷	--	--	152	--	130	--	187	--	254	-159	503
Greater than 500 ppm sulfur	--	--	-11	21	--	--	53	--	32	-75	371
Residual Fuel Oil ⁸	--	--	1,739	146	-538	--	-25	--	198	1,174	1,293
Less than 0.31 percent sulfur	--	--	--	--	--	--	-39	--	NA	NA	3
0.31 to 1.00 percent sulfur	--	--	322	46	--	--	-4	--	NA	NA	157
Greater than 1.00 percent sulfur	--	--	1,417	100	-538	--	18	--	NA	NA	1,133
Petrochemical Feedstocks	--	--	927	132	-126	--	33	--	--	900	755
Naphtha for Petro. Feed. Use	--	--	732	81	-80	--	29	--	--	704	592
Other Oils for Petro. Feed. Use	--	--	195	51	-46	--	4	--	--	196	163
Special Naphthas	--	--	55	39	53	--	23	--	--	124	153
Lubricants	--	--	279	187	191	--	85	--	152	420	669
Waxes	--	--	34	7	--	--	3	--	44	-6	42
Petroleum Coke	--	--	5,866	6	--	--	2	--	475	5,395	1,196
Marketable	--	--	4,348	6	--	--	2	--	475	3,877	1,196
Catalyst	--	--	1,518	--	--	--	--	--	--	1,518	--
Asphalt and Road Oil	--	--	4,268	184	48	--	1,322	--	110	3,068	11,515
Still Gas	--	--	4,287	--	--	--	--	--	--	4,287	--
Miscellaneous Products	--	--	487	--	19	--	-18	--	0	524	117
Total	79,865	29,815	138,431	83,487	-20,012	-10,222	3,510	131,448	12,261	154,146	334,507

-- = Not Applicable.

-- = No Data Reported.

NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

² Includes implied net receipts for fuel ethanol and oxygenates (excluding fuel ethanol). Implied net receipts are calculated as the sum of stock change, refinery and blender net inputs, and exports minus the sum of Renewable Fuels and Oxygenate Plant Net Production, Imports, and Adjustments. Includes crude oil receipts by rail.

³ Crude oil stocks include an adjustment of 10,630 thousand barrels (constant since 1983) to account for incomplete survey reporting of stocks held on producing leases.

⁴ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for motor gasoline blending components, fuel ethanol, and distillate fuel oil. See Appendix B, Note 2C for a detailed explanation of these adjustments.

⁵ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks.

⁶ Product supplied is equal to field production, plus renewable fuels and oxygenate plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁷ Exports of distillate fuel oil with sulfur greater than 15 ppm to 500 ppm may include distillate fuel oil with sulfur content 15 ppm and under due to product detail limitations in the exports data received from the U.S. Census Bureau.

⁸ Total residual fuel oil ending stocks and stock change include stocks held at pipelines. Residual fuel oil ending stocks and stock change by sulfur content exclude pipeline stocks. Therefore, the sum of residual fuel oil ending stocks and stock change by sulfur content may not equal total residual fuel oil ending stocks and stock change.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-22M "Monthly Biodiesel Production Survey", Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal and Blender Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Oxygenate Report." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil, Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 10. PAD District 2 - Year-to-Date Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, January-December 2015
(Thousand Barrels)

Commodity	Supply						Disposition				
	Field Production	Renewable Fuels and Oxygenate Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵	Ending Stocks
Crude Oil⁶	683,678	--	--	841,415	-155,543	-908	39,872	1,299,921	28,849	0	150,472
Natural Gas Plant Liquids and Liquefied Refinery Gases	254,149	-6,980	40,909	25,611	-16,520	--	2,143	33,456	92,412	169,158	54,687
Pentanes Plus	32,237	-6,980	--	45	46,186	--	857	6,692	62,712	1,227	9,997
Liquefied Petroleum Gases	221,912	--	40,909	25,566	-62,706	--	1,286	26,764	29,700	167,931	44,690
Ethane/Ethylene	69,855	--	1	36	-9,787	--	555	--	23,655	35,895	5,180
Propane/Propylene	100,082	--	40,754	20,640	-44,625	--	-802	--	1,550	116,103	25,931
Normal Butane/Butylene	34,426	--	694	2,628	-9,660	--	1,515	9,955	4,410	12,208	11,630
Isobutane/Isobutylene	17,549	--	-540	2,262	1,366	--	18	16,809	85	3,725	1,949
Other Liquids	--	343,793	--	3,733	-115,323	18,963	3,201	240,473	10,427	-2,935	67,210
Hydrogen/Oxygenates/Renewables/											
Other Hydrocarbons	--	343,805	--	707	-233,632	3,956	878	107,340	6,619	0	8,012
Hydrogen	--	--	--	--	--	12,596	--	12,596	--	0	--
Oxygenates (excluding Fuel Ethanol)	--	--	--	--	--	3	--	--	3	0	--
Renewable Fuels (including Fuel Ethanol)	--	343,805	--	58	-233,632	-8,368	884	94,364	6,616	0	7,970
Fuel Ethanol	--	322,557	--	--	-225,789	-1,656	421	89,127	5,564	0	7,057
Renewable Fuels Except Fuel Ethanol	--	21,248	--	58	-7,843	-6,712	463	5,237	1,052	0	913
Other Hydrocarbons	--	--	--	649	--	-275	-6	380	--	0	42
Unfinished Oils	--	--	--	--	-6,531	--	1,345	-6,030	1,089	-2,935	12,873
Motor Gasoline Blend. Comp. (MGBC)	--	-12	--	3,026	124,840	15,007	978	139,163	2,720	0	46,325
Reformulated	--	--	--	--	29,469	-12,612	140	16,716	1	0	6,129
Conventional	--	-12	--	3,026	95,371	27,619	838	122,447	2,719	0	40,196
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	1,062	1,607,694	10,219	78,450	-6,430	343	--	26,533	1,664,119	62,138
Finished Motor Gasoline	--	1,062	937,088	44	12,906	-13,351	255	--	3,008	934,486	7,325
Reformulated	--	--	133,468	--	--	12,871	--	--	--	146,339	--
Conventional	--	1,062	803,620	44	12,906	-26,222	255	--	3,008	788,147	7,325
Finished Aviation Gasoline	--	--	739	5	152	--	4	--	--	892	177
Kerosene-Type Jet Fuel	--	--	84,380	8	12,502	--	800	--	8,529	87,561	6,787
Kerosene	--	--	1,427	--	228	--	8	--	1,588	59	215
Distillate Fuel Oil	--	--	381,073	1,459	59,206	6,921	-1,291	--	1,651	448,298	31,894
15 ppm sulfur and under ⁷	--	--	381,738	1,016	57,546	6,921	-1,256	--	162	448,314	31,020
Greater than 15 ppm to 500 ppm sulfur ⁷	--	--	1,216	20	1,466	--	6	--	1,176	1,520	503
Greater than 500 ppm sulfur	--	--	-1,881	423	194	--	-41	--	313	-1,536	371
Residual Fuel Oil ⁸	--	--	19,593	1,434	-9,851	--	-53	--	3,926	7,303	1,293
Less than 0.31 percent sulfur	--	--	4	17	--	--	-235	--	NA	NA	3
0.31 to 1.00 percent sulfur	--	--	2,922	1,004	-238	--	14	--	NA	NA	157
Greater than 1.00 percent sulfur	--	--	16,667	413	-9,327	--	168	--	NA	NA	1,133
Petrochemical Feedstocks	--	--	10,350	1,393	-1,042	--	-45	--	--	10,746	755
Naphtha for Petro. Feed. Use	--	--	8,066	881	-1,050	--	-67	--	--	7,964	592
Other Oils for Petro. Feed. Use	--	--	2,284	512	8	--	22	--	--	2,782	163
Special Naphthas	--	--	522	442	575	--	0	--	--	1,539	153
Lubricants	--	--	2,867	2,426	2,574	--	115	--	1,873	5,879	669
Waxes	--	--	435	80	--	--	9	--	311	195	42
Petroleum Coke	--	--	63,304	210	--	--	-518	--	4,171	59,861	1,196
Marketable	--	--	46,294	210	--	--	-518	--	4,171	42,851	1,196
Catalyst	--	--	17,010	--	--	--	--	--	--	17,010	--
Asphalt and Road Oil	--	--	51,690	2,717	1,142	--	1,081	--	1,473	52,995	11,515
Still Gas	--	--	48,846	--	--	--	--	--	--	48,846	--
Miscellaneous Products	--	--	5,380	1	58	--	-22	--	2	5,459	117
Total	937,827	337,875	1,648,603	880,978	-208,936	11,625	45,559	1,573,850	158,221	1,830,342	334,507

-- = Not Applicable.

-- = No Data Reported.

NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

² Includes implied net receipts for fuel ethanol and oxygenates (excluding fuel ethanol). Implied net receipts are calculated as the sum of stock change, refinery and blender net inputs, and exports minus the sum of Renewable Fuels and Oxygenate Plant Net Production, Imports, and Adjustments. Includes crude oil receipts by rail.

³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for motor gasoline blending components, fuel ethanol, and distillate fuel oil. See Appendix B, Note 2C for a detailed explanation of these adjustments.

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks.

⁵ Product supplied is equal to field production, plus renewable fuels and oxygenate plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁶ Crude oil stocks include an adjustment of 10,630 thousand barrels (constant since 1983) to account for incomplete survey reporting of stocks held on producing leases.

⁷ Exports of distillate fuel oil with sulfur greater than 15 ppm to 500 ppm may include distillate fuel oil with sulfur content 15 ppm and under due to product detail limitations in the exports data received from the U.S. Census Bureau.

⁸ Total residual fuel oil ending stocks and stock change include stocks held at pipelines. Residual fuel oil ending stocks and stock change by sulfur content exclude pipeline stocks. Therefore, the sum of residual fuel oil ending stocks and stock change by sulfur content may not equal total residual fuel oil ending stocks and stock change.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-22M "Monthly Biodiesel Production Survey", Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal and Blender Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Oxygenate Report." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil, Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 11. PAD District 2 - Daily Average Supply and Disposition of Crude Oil and Petroleum Products, December 2015
(Thousand Barrels per Day)

Commodity	Supply						Disposition			
	Field Production	Renewable Fuels and Oxygenate Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵
Crude Oil	1,802	--	--	2,581	-260	-368	63	3,661	29	0
Natural Gas Plant Liquids and Liquefied										
Refinery Gases	775	-20	24	76	-69	--	-181	122	238	607
Pentanes Plus	90	-20	--	0	175	--	41	11	163	30
Liquefied Petroleum Gases	684	--	24	76	-244	--	-222	111	75	577
Ethane/Ethylene	239	--	--	--	-56	--	7	--	64	112
Propane/Propylene	292	--	117	61	-188	--	-122	--	2	402
Normal Butane/Butylene	98	--	-88	6	-5	--	-106	63	9	45
Isobutane/Isobutylene	55	--	-5	9	6	--	-1	48	--	18
Other Liquids	--	980	--	11	-485	6	90	457	27	-62
Hydrogen/Oxygenates/Renewables/										
Other Hydrocarbons	--	980	--	0	-679	14	9	290	16	0
Hydrogen	--	--	--	--	--	37	--	37	--	0
Oxygenates (excluding Fuel Ethanol)	--	--	--	--	--	0	--	--	0	0
Renewable Fuels (including Fuel Ethanol)	--	980	--	--	-679	-23	9	252	16	0
Fuel Ethanol	--	920	--	--	-656	-3	3	241	16	0
Renewable Fuels Except Fuel Ethanol	--	60	--	--	-23	-20	6	11	0	0
Other Hydrocarbons	--	--	--	0	--	1	0	1	--	0
Unfinished Oils	--	--	--	--	-54	--	-12	13	7	-62
Motor Gasoline Blend.Comp. (MGBC)	--	0	--	11	248	-8	93	154	4	0
Reformulated	--	--	--	--	43	-15	1	27	--	0
Conventional	--	0	--	11	205	6	92	127	4	0
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	2	4,442	25	169	32	141	--	101	4,428
Finished Motor Gasoline	--	2	2,543	--	13	12	23	--	32	2,516
Reformulated	--	--	367	--	--	19	--	--	--	386
Conventional	--	2	2,176	--	13	-7	23	--	32	2,130
Finished Aviation Gasoline	--	--	1	--	2	--	0	--	--	3
Kerosene-Type Jet Fuel	--	--	240	--	30	--	15	--	29	226
Kerosene	--	--	11	--	--	--	2	--	--	10
Distillate Fuel Oil	--	--	1,068	2	136	21	56	--	9	1,160
15 ppm sulfur and under ⁶	--	--	1,063	1	131	21	49	--	0	1,168
Greater than 15 ppm to 500 ppm sulfur ⁶	--	--	5	--	4	--	6	--	8	-5
Greater than 500 ppm sulfur	--	--	0	1	--	--	2	--	1	-2
Residual Fuel Oil ⁷	--	--	56	5	-17	--	-1	--	6	38
Less than 0.31 percent sulfur	--	--	--	--	--	--	-1	--	NA	NA
0.31 to 1.00 percent sulfur	--	--	10	1	--	--	0	--	NA	NA
Greater than 1.00 percent sulfur	--	--	46	3	-17	--	1	--	NA	NA
Petrochemical Feedstocks	--	--	30	4	-4	--	1	--	--	29
Naphtha for Petro. Feed. Use	--	--	24	3	-3	--	1	--	--	23
Other Oils for Petro. Feed. Use	--	--	6	2	-1	--	0	--	--	6
Special Naphthas	--	--	2	1	2	--	1	--	--	4
Lubricants	--	--	9	6	6	--	3	--	5	14
Waxes	--	--	1	0	--	--	0	--	1	0
Petroleum Coke	--	--	189	0	--	--	0	--	15	174
Marketable	--	--	140	0	--	--	0	--	15	125
Catalyst	--	--	49	--	--	--	--	--	--	49
Asphalt and Road Oil	--	--	138	6	2	--	43	--	4	99
Still Gas	--	--	138	--	--	--	--	--	--	138
Miscellaneous Products	--	--	16	--	1	--	-1	--	0	17
Total	2,576	962	4,466	2,693	-646	-330	113	4,240	396	4,972

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

² Includes implied net receipts for fuel ethanol and oxygenates (excluding fuel ethanol). Implied net receipts are calculated as the sum of stock change, refinery and blender net inputs, and exports minus the sum of Renewable Fuels and Oxygenate Plant Net Production, Imports, and Adjustments. Includes crude oil receipts by rail.

³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for motor gasoline blending components, fuel ethanol, and distillate fuel oil. See Appendix B, Note 2C for a detailed explanation of these adjustments.

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks.

⁵ Product supplied is equal to field production, plus renewable fuels and oxygenate plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁶ Exports of distillate fuel oil with sulfur greater than 15 ppm to 500 ppm may include distillate fuel oil with sulfur content 15 ppm and under due to product detail limitations in the exports data received from the U.S. Census Bureau.

⁷ Total residual fuel oil ending stocks and stock change include stocks held at pipelines. Residual fuel oil ending stocks and stock change by sulfur content exclude pipeline stocks. Therefore, the sum of residual fuel oil ending stocks and stock change by sulfur content may not equal total residual fuel oil ending stocks and stock change.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-22M "Monthly Biodiesel Production Survey", Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal and Blender Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Oxygenate Report." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil, Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 12. PAD District 2 - Year-to-Date Daily Average Supply and Disposition of Crude Oil and Petroleum Products, January-December 2015
(Thousand Barrels per Day)

Commodity	Supply						Disposition			
	Field Production	Renewable Fuels and Oxygenate Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵
Crude Oil	1,873	--	--	2,305	-426	-2	109	3,561	79	0
Natural Gas Plant Liquids and Liquefied Refinery Gases	696	-19	112	70	-45	--	6	92	253	463
Pentanes Plus	88	-19	--	0	127	--	2	18	172	3
Liquefied Petroleum Gases	608	--	112	70	-172	--	4	73	81	460
Ethane/Ethylene	191	--	0	0	-27	--	2	--	65	98
Propane/Propylene	274	--	112	57	-122	--	-2	--	4	318
Normal Butane/Butylene	94	--	2	7	-26	--	4	27	12	33
Isobutane/Isobutylene	48	--	-1	6	4	--	0	46	0	10
Other Liquids	--	942	--	10	-316	52	9	659	29	-8
Hydrogen/Oxygenates/Renewables/Other Hydrocarbons	--	942	--	2	-640	11	2	294	18	0
Hydrogen	--	--	--	--	--	35	--	35	--	0
Oxygenates (excluding Fuel Ethanol)	--	--	--	--	--	0	--	--	0	0
Renewable Fuels (including Fuel Ethanol)	--	942	--	0	-640	-23	2	259	18	0
Fuel Ethanol	--	884	--	--	-619	-5	1	244	15	0
Renewable Fuels Except Fuel Ethanol	--	58	--	0	-21	-18	1	14	3	0
Other Hydrocarbons	--	--	--	2	--	-1	0	1	--	0
Unfinished Oils	--	--	--	--	-18	--	4	-17	3	-8
Motor Gasoline Blend.Comp. (MGBC)	--	0	--	8	342	41	3	381	7	0
Reformulated	--	--	--	--	81	-35	0	46	0	0
Conventional	--	0	--	8	261	76	2	335	7	0
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	3	4,405	28	215	-18	1	--	73	4,559
Finished Motor Gasoline	--	3	2,567	0	35	-37	1	--	8	2,560
Reformulated	--	--	366	--	--	35	--	--	--	401
Conventional	--	3	2,202	0	35	-72	1	--	8	2,159
Finished Aviation Gasoline	--	--	2	0	0	--	0	--	--	2
Kerosene-Type Jet Fuel	--	--	231	0	34	--	2	--	23	240
Kerosene	--	--	4	--	1	--	0	--	4	0
Distillate Fuel Oil	--	--	1,044	4	162	19	-4	--	5	1,228
15 ppm sulfur and under ⁶	--	--	1,046	3	158	19	-3	--	0	1,228
Greater than 15 ppm to 500 ppm sulfur ⁶	--	--	3	0	4	--	0	--	3	4
Greater than 500 ppm sulfur	--	--	-5	1	1	--	0	--	1	-4
Residual Fuel Oil ⁷	--	--	54	4	-27	--	0	--	11	20
Less than 0.31 percent sulfur	--	--	0	0	--	--	-1	--	NA	NA
0.31 to 1.00 percent sulfur	--	--	8	3	-1	--	0	--	NA	NA
Greater than 1.00 percent sulfur	--	--	46	1	-26	--	0	--	NA	NA
Petrochemical Feedstocks	--	--	28	4	-3	--	0	--	--	29
Naphtha for Petro. Feed. Use	--	--	22	2	-3	--	0	--	--	22
Other Oils for Petro. Feed. Use	--	--	6	1	0	--	0	--	--	8
Special Naphthas	--	--	1	1	2	--	0	--	--	4
Lubricants	--	--	8	7	7	--	0	--	5	16
Waxes	--	--	1	0	--	--	0	--	1	1
Petroleum Coke	--	--	173	1	--	--	-1	--	11	164
Marketable	--	--	127	1	--	--	-1	--	11	117
Catalyst	--	--	47	--	--	--	--	--	--	47
Asphalt and Road Oil	--	--	142	7	3	--	3	--	4	145
Still Gas	--	--	134	--	--	--	--	--	--	134
Miscellaneous Products	--	--	15	0	0	--	0	--	0	15
Total	2,569	926	4,517	2,414	-572	32	125	4,312	433	5,015

-- = Not Applicable.

-- = No Data Reported.

NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

² Includes implied net receipts for fuel ethanol and oxygenates (excluding fuel ethanol). Implied net receipts are calculated as the sum of stock change, refinery and blender net inputs, and exports minus the sum of Renewable Fuels and Oxygenate Plant Net Production, Imports, and Adjustments. Includes crude oil receipts by rail.

³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for motor gasoline blending components, fuel ethanol, and distillate fuel oil. See Appendix B, Note 2C for a detailed explanation of these adjustments.

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks.

⁵ Product supplied is equal to field production, plus renewable fuels and oxygenate plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁶ Exports of distillate fuel oil with sulfur greater than 15 ppm to 500 ppm may include distillate fuel oil with sulfur content 15 ppm and under due to product detail limitations in the exports data received from the U.S. Census Bureau.

⁷ Total residual fuel oil ending stocks and stock change include stocks held at pipelines. Residual fuel oil ending stocks and stock change by sulfur content exclude pipeline stocks. Therefore, the sum of residual fuel oil ending stocks and stock change by sulfur content may not equal total residual fuel oil ending stocks and stock change.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-22M "Monthly Biodiesel Production Survey", Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal and Blender Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Oxygenate Report." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil, Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 13. PAD District 3 - Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, December 2015
(Thousand Barrels)

Commodity	Supply						Disposition				
	Field Production	Renewable Fuels and Oxygenate Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵	Ending Stocks
Crude Oil⁶	173,801	--	--	101,693	4,040	386	-8,031	278,900	9,051	0	931,007
Natural Gas Plant Liquids and Liquefied Refinery Gases	59,257	-18	9,027	368	11,884	--	-10,473	11,472	22,900	56,619	125,761
Pentanes Plus	6,105	-18	--	315	-4,043	--	-893	2,739	28	485	9,983
Liquefied Petroleum Gases	53,152	--	9,027	53	15,927	--	-9,580	8,733	22,872	56,134	115,778
Ethane/Ethylene	24,730	--	207	--	7,276	--	141	--	--	32,072	28,198
Propane/Propylene	18,393	--	11,894	--	6,630	--	-2,586	--	21,024	18,479	61,000
Normal Butane/Butylene	3,524	--	-2,841	53	1,415	--	-6,748	4,866	1,681	2,352	20,896
Isobutane/Isobutylene	6,505	--	-233	--	606	--	-387	3,867	167	3,231	5,684
Other Liquids	--	3,113	--	13,165	-53,268	1,705	3,716	-60,423	18,520	2,902	119,530
Hydrogen/Oxygenates/Renewables/											
Other Hydrocarbons	--	3,113	--	482	5,318	3,438	89	9,163	3,099	0	6,302
Hydrogen	--	--	--	--	--	4,272	--	4,272	--	0	--
Oxygenates (excluding Fuel Ethanol)	--	1,807	--	44	--	-389	-306	88	1,680	0	927
Renewable Fuels (including Fuel Ethanol)	--	1,306	--	421	5,318	-427	395	4,803	1,420	0	5,375
Fuel Ethanol	--	832	--	--	5,386	-62	477	4,359	1,320	0	4,346
Renewable Fuels Except Fuel Ethanol	--	474	--	421	-68	-366	-82	444	99	0	1,029
Other Hydrocarbons	--	--	--	17	--	-17	--	--	--	0	--
Unfinished Oils	--	--	--	12,533	2,024	--	-3,038	5,678	9,014	2,903	39,732
Motor Gasoline Blend. Comp. (MGBC)	--	--	--	150	-60,610	-1,733	6,664	-75,264	6,407	0	73,488
Reformulated	--	--	--	--	-13,108	5,013	1,185	-9,282	2	0	11,762
Conventional	--	--	--	150	-47,502	-6,747	5,479	-65,982	6,404	0	61,726
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	1	0	--	-1	8
Finished Petroleum Products	--	--	240,556	3,787	-56,613	2,253	5,937	--	78,378	105,667	121,344
Finished Motor Gasoline	--	--	70,901	59	-10,672	1,795	485	--	15,425	46,173	11,081
Reformulated	--	--	13,651	--	--	-6,061	--	--	--	7,590	--
Conventional	--	--	57,250	59	-10,672	7,856	485	--	15,425	38,583	11,081
Finished Aviation Gasoline	--	--	263	--	-1,011	--	35	--	--	-783	370
Kerosene-Type Jet Fuel	--	--	27,846	--	-14,379	--	970	--	3,066	9,431	14,315
Kerosene	--	--	353	--	--	--	5	--	372	-24	326
Distillate Fuel Oil	--	--	89,183	601	-29,995	458	4,326	--	35,555	20,366	46,237
15 ppm sulfur and under ⁷	--	--	82,034	--	-26,534	458	5,012	--	31,007	19,939	39,749
Greater than 15 ppm to 500 ppm sulfur ⁷	--	--	2,888	--	-397	--	-187	--	3,095	-417	2,141
Greater than 500 ppm sulfur	--	--	4,261	601	-3,064	--	-499	--	1,453	844	4,347
Residual Fuel Oil ⁸	--	--	5,083	1,528	431	--	-569	--	6,608	1,003	25,048
Less than 0.31 percent sulfur	--	--	836	146	-100	--	-34	--	NA	NA	2,325
0.31 to 1.00 percent sulfur	--	--	471	--	--	--	-290	--	NA	NA	2,483
Greater than 1.00 percent sulfur	--	--	3,776	1,382	531	--	-245	--	NA	NA	20,240
Petrochemical Feedstocks	--	--	8,643	987	124	--	34	--	--	9,720	2,352
Naphtha for Petro. Feed. Use	--	--	5,844	907	32	--	-3	--	--	6,786	1,331
Other Oils for Petro. Feed. Use	--	--	2,799	80	92	--	37	--	--	2,934	1,021
Special Naphthas	--	--	836	273	-53	--	-42	--	--	1,098	1,091
Lubricants	--	--	4,697	295	-659	--	337	--	1,423	2,573	10,565
Waxes	--	--	104	20	--	--	-8	--	17	115	230
Petroleum Coke	--	--	16,437	24	--	--	-351	--	15,538	1,274	3,562
Marketable	--	--	12,572	24	--	--	-351	--	15,538	-2,591	3,562
Catalyst	--	--	3,865	--	--	--	--	--	--	3,865	--
Asphalt and Road Oil	--	--	2,524	--	-468	--	703	--	353	1,000	5,628
Still Gas	--	--	11,707	--	--	--	--	--	--	11,707	--
Miscellaneous Products	--	--	1,979	--	69	--	12	--	21	2,015	539
Total	233,058	3,095	249,583	119,013	-93,957	4,343	-8,851	229,949	128,849	165,188	1,297,642

-- = Not Applicable.

-- = No Data Reported.

NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

² Includes implied net receipts for fuel ethanol and oxygenates (excluding fuel ethanol). Implied net receipts are calculated as the sum of stock change, refinery and blender net inputs, and exports minus the sum of Renewable Fuels and Oxygenate Plant Net Production, Imports, and Adjustments. Includes crude oil receipts by rail.

³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for motor gasoline blending components, fuel ethanol, and distillate fuel oil. See Appendix B, Note 2C for a detailed explanation of these adjustments.

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks.

⁵ Product supplied is equal to field production, plus renewable fuels and oxygenate plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁶ Includes value for the Strategic Petroleum Reserve. See Table 25 for the breakout of Commercial Crude Oil. Crude oil stocks include an adjustment of 10,630 thousand barrels (constant since 1983) to account for incomplete survey reporting of stocks held on producing leases.

⁷ Exports of distillate fuel oil with sulfur greater than 15 ppm to 500 ppm may include distillate fuel oil with sulfur content 15 ppm and under due to product detail limitations in the exports data received from the U.S. Census Bureau.

⁸ Total residual fuel oil ending stocks and stock change include stocks held at pipelines. Residual fuel oil ending stocks and stock change by sulfur content exclude pipeline stocks. Therefore, the sum of residual fuel oil ending stocks and stock change by sulfur content may not equal total residual fuel oil ending stocks and stock change.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-22M "Monthly Biodiesel Production Survey", Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal and Blender Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Oxygenate Report." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil, Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 14. PAD District 3 - Year-to-Date Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, January-December 2015
(Thousand Barrels)

Commodity	Supply						Disposition				
	Field Production	Renewable Fuels and Oxygenate Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵	Ending Stocks
Crude Oil⁶	2,077,791	--	--	1,085,333	93,174	2,762	41,650	3,113,888	103,522	0	931,007
Natural Gas Plant Liquids and Liquefied Refinery Gases	697,270	-207	145,337	4,588	129,222	--	18,599	109,314	228,253	620,044	125,761
Pentanes Plus	81,397	-207	--	3,955	-29,697	--	-991	34,994	439	21,006	9,983
Liquefied Petroleum Gases	615,873	--	145,337	633	158,919	--	19,590	74,320	227,814	599,038	115,778
Ethane/Ethylene	275,623	--	1,963	--	69,446	--	-1,431	--	--	348,463	28,198
Propane/Propylene	218,598	--	131,458	47	57,092	--	19,049	--	201,243	186,903	61,000
Normal Butane/Butylene	47,843	--	14,729	586	24,334	--	2,199	31,508	24,174	29,611	20,896
Isobutane/Isobutylene	73,809	--	-2,813	--	8,047	--	-227	42,812	2,396	34,062	5,684
Other Liquids	--	37,567	--	170,805	-630,300	16,596	881	-572,953	167,606	-866	119,530
Hydrogen/Oxygenates/Renewables/											
Other Hydrocarbons	--	37,567	--	4,679	57,399	39,718	834	103,271	35,258	0	6,302
Hydrogen	--	--	--	--	--	45,131	--	45,131	--	0	--
Oxygenates (excluding Fuel Ethanol)	--	23,692	--	1,314	--	-2,328	-143	830	21,991	0	927
Renewable Fuels (including Fuel Ethanol)	--	13,875	--	3,289	57,399	-3,052	977	57,266	13,267	0	5,375
Fuel Ethanol	--	8,955	--	143	56,444	-941	933	50,789	12,879	0	4,346
Renewable Fuels Except Fuel Ethanol	--	4,920	--	3,146	955	-2,112	44	6,477	388	0	1,029
Other Hydrocarbons	--	--	--	76	--	-32	--	44	--	0	--
Unfinished Oils	--	--	--	161,468	6,292	--	-2,832	82,510	88,879	-797	39,732
Motor Gasoline Blend. Comp. (MGBC)	--	--	--	4,658	-693,991	-23,122	2,880	-758,804	43,469	0	73,488
Reformulated	--	--	--	--	-166,200	44,852	1,214	-122,848	286	0	11,762
Conventional	--	--	--	4,658	-527,791	-67,974	1,666	-635,956	43,183	0	61,726
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	-1	70	--	-69	8
Finished Petroleum Products	--	--	2,720,023	48,533	-677,400	28,638	9,353	--	831,927	1,278,513	121,344
Finished Motor Gasoline	--	--	805,374	944	-130,906	24,063	-1,769	--	157,790	543,454	11,081
Reformulated	--	--	155,605	--	--	-53,602	--	--	--	102,003	--
Conventional	--	--	649,769	944	-130,906	77,665	-1,769	--	157,790	441,452	11,081
Finished Aviation Gasoline	--	--	2,617	--	-4,162	--	-124	--	--	-1,421	370
Kerosene-Type Jet Fuel	--	--	291,727	--	-171,483	--	824	--	44,191	75,229	14,315
Kerosene	--	--	3,283	--	-228	--	80	--	2,732	243	326
Distillate Fuel Oil	--	--	1,024,493	3,915	-366,706	4,575	2,191	--	375,226	288,859	46,237
15 ppm sulfur and under ⁷	--	--	931,892	135	-330,915	4,575	2,856	--	324,230	278,601	39,749
Greater than 15 ppm to 500 ppm sulfur ⁷	--	--	32,992	--	-3,880	--	682	--	23,796	4,634	2,141
Greater than 500 ppm sulfur	--	--	59,609	3,780	-31,911	--	-1,347	--	27,201	5,624	4,347
Residual Fuel Oil ⁸	--	--	69,124	16,412	8,172	--	5,451	--	85,164	3,093	25,048
Less than 0.31 percent sulfur	--	--	10,633	2,437	186	--	785	--	NA	NA	2,325
0.31 to 1.00 percent sulfur	--	--	5,771	3,219	238	--	-1,463	--	NA	NA	2,483
Greater than 1.00 percent sulfur	--	--	52,720	10,756	7,748	--	6,129	--	NA	NA	20,240
Petrochemical Feedstocks	--	--	94,234	12,125	1,350	--	-178	--	--	107,887	2,352
Naphtha for Petro. Feed. Use	--	--	59,579	10,385	1,027	--	-207	--	--	71,198	1,331
Other Oils for Petro. Feed. Use	--	--	34,655	1,740	323	--	29	--	--	36,689	1,021
Special Naphthas	--	--	13,122	5,072	-575	--	-117	--	--	17,736	1,091
Lubricants	--	--	51,101	7,828	-8,208	--	2,331	--	19,232	29,158	10,565
Waxes	--	--	1,256	395	--	--	-38	--	227	1,462	230
Petroleum Coke	--	--	181,802	1,842	--	--	-582	--	144,050	40,176	3,562
Marketable	--	--	138,789	1,842	--	--	-582	--	144,050	-2,837	3,562
Catalyst	--	--	43,013	--	--	--	--	--	--	43,013	--
Asphalt and Road Oil	--	--	30,474	--	-4,680	--	1,019	--	3,032	21,743	5,628
Still Gas	--	--	131,527	--	--	--	--	--	--	131,527	--
Miscellaneous Products	--	--	19,889	--	26	--	265	--	284	19,366	539
Total	2,775,061	37,360	2,865,360	1,309,259	-1,085,305	47,996	70,483	2,650,249	1,331,308	1,897,691	1,297,642

-- = Not Applicable.

-- = No Data Reported.

NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

² Includes implied net receipts for fuel ethanol and oxygenates (excluding fuel ethanol). Implied net receipts are calculated as the sum of stock change, refinery and blender net inputs, and exports minus the sum of Renewable Fuels and Oxygenate Plant Net Production, Imports, and Adjustments. Includes crude oil receipts by rail.

³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for motor gasoline blending components, fuel ethanol, and distillate fuel oil. See Appendix B, Note 2C for a detailed explanation of these adjustments.

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks.

⁵ Product supplied is equal to field production, plus renewable fuels and oxygenate plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁶ Includes value for the Strategic Petroleum Reserve. See Table 25 for the breakout of Commercial Crude Oil. Crude oil stocks include an adjustment of 10,630 thousand barrels (constant since 1983) to account for incomplete survey reporting of stocks held on producing leases.

⁷ Exports of distillate fuel oil with sulfur greater than 15 ppm to 500 ppm may include distillate fuel oil with sulfur content 15 ppm and under due to product detail limitations in the exports data received from the U.S. Census Bureau.

⁸ Total residual fuel oil ending stocks and stock change include stocks held at pipelines. Residual fuel oil ending stocks and stock change by sulfur content exclude pipeline stocks. Therefore, the sum of residual fuel oil ending stocks and stock change by sulfur content may not equal total residual fuel oil ending stocks and stock change.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-22M "Monthly Biodiesel Production Survey", Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal and Blender Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Oxygenate Report." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil, Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 15. PAD District 3 - Daily Average Supply and Disposition of Crude Oil and Petroleum Products, December 2015
(Thousand Barrels per Day)

Commodity	Supply						Disposition			
	Field Production	Renewable Fuels and Oxygenate Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵
Crude Oil⁶	5,606	--	--	3,280	130	12	-259	8,997	292	0
Natural Gas Plant Liquids and Liquefied										
Refinery Gases	1,912	-1	291	12	383	--	-338	370	739	1,826
Pentanes Plus	197	-1	--	10	-130	--	-29	88	1	16
Liquefied Petroleum Gases	1,715	--	291	2	514	--	-309	282	738	1,811
Ethane/Ethylene	798	--	7	--	235	--	5	--	--	1,035
Propane/Propylene	593	--	384	--	214	--	-83	--	678	596
Normal Butane/Butylene	114	--	-92	2	46	--	-218	157	54	76
Isobutane/Isobutylene	210	--	-8	--	20	--	-12	125	5	104
Other Liquids	--	100	--	425	-1,718	55	120	-1,949	597	94
Hydrogen/Oxygenates/Renewables/Other Hydrocarbons	--	100	--	16	172	111	3	296	100	0
Hydrogen	--	--	--	--	--	138	--	138	--	0
Oxygenates (excluding Fuel Ethanol)	--	58	--	1	--	-13	-10	3	54	0
Renewable Fuels (including Fuel Ethanol)	--	42	--	14	172	-14	13	155	46	0
Fuel Ethanol	--	27	--	--	174	-2	15	141	43	0
Renewable Fuels Except Fuel Ethanol	--	15	--	14	-2	-12	-3	14	3	0
Other Hydrocarbons	--	--	--	1	--	-1	--	--	--	0
Unfinished Oils	--	--	--	404	65	--	-98	183	291	94
Motor Gasoline Blend.Comp. (MGBC)	--	--	--	5	-1,955	-56	215	-2,428	207	0
Reformulated	--	--	--	--	-423	162	38	-299	0	0
Conventional	--	--	--	5	-1,532	-218	177	-2,128	207	0
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	0	0	--	0
Finished Petroleum Products	--	--	7,760	122	-1,826	73	192	--	2,528	3,409
Finished Motor Gasoline	--	--	2,287	2	-344	58	16	--	498	1,489
Reformulated	--	--	440	--	--	-196	--	--	--	245
Conventional	--	--	1,847	2	-344	253	16	--	498	1,245
Finished Aviation Gasoline	--	--	8	--	-33	--	1	--	--	-25
Kerosene-Type Jet Fuel	--	--	898	--	-464	--	31	--	99	304
Kerosene	--	--	11	--	--	--	0	--	12	-1
Distillate Fuel Oil	--	--	2,877	19	-968	15	140	--	1,147	657
15 ppm sulfur and under ⁷	--	--	2,646	--	-856	15	162	--	1,000	643
Greater than 15 ppm to 500 ppm sulfur ⁷	--	--	93	--	-13	--	-6	--	100	-13
Greater than 500 ppm sulfur	--	--	137	19	-99	--	-16	--	47	27
Residual Fuel Oil ⁸	--	--	164	49	14	--	-18	--	213	32
Less than 0.31 percent sulfur	--	--	27	5	-3	--	-1	--	NA	NA
0.31 to 1.00 percent sulfur	--	--	15	--	--	--	-9	--	NA	NA
Greater than 1.00 percent sulfur	--	--	122	45	17	--	-8	--	NA	NA
Petrochemical Feedstocks	--	--	279	32	4	--	1	--	--	314
Naphtha for Petro. Feed. Use	--	--	189	29	1	--	0	--	--	219
Other Oils for Petro. Feed. Use	--	--	90	3	3	--	1	--	--	95
Special Naphthas	--	--	27	9	-2	--	-1	--	--	35
Lubricants	--	--	152	10	-21	--	11	--	46	83
Waxes	--	--	3	1	--	--	0	--	1	4
Petroleum Coke	--	--	530	1	--	--	-11	--	501	41
Marketable	--	--	406	1	--	--	-11	--	501	-84
Catalyst	--	--	125	--	--	--	--	--	--	125
Asphalt and Road Oil	--	--	81	--	-15	--	23	--	11	32
Still Gas	--	--	378	--	--	--	--	--	--	378
Miscellaneous Products	--	--	64	--	2	--	0	--	1	65
Total	7,518	100	8,051	3,839	-3,031	140	-286	7,418	4,156	5,329

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

² Includes implied net receipts for fuel ethanol and oxygenates (excluding fuel ethanol). Implied net receipts are calculated as the sum of stock change, refinery and blender net inputs, and exports minus the sum of Renewable Fuels and Oxygenate Plant Net Production, Imports, and Adjustments. Includes crude oil receipts by rail.

³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for motor gasoline blending components, fuel ethanol, and distillate fuel oil. See Appendix B, Note 2C for a detailed explanation of these adjustments.

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks.

⁵ Product supplied is equal to field production, plus renewable fuels and oxygenate plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁶ Includes value for the Strategic Petroleum Reserve. See Table 25 for the breakout of Commercial Crude Oil.

⁷ Exports of distillate fuel oil with sulfur greater than 15 ppm to 500 ppm may include distillate fuel oil with sulfur content 15 ppm and under due to product detail limitations in the exports data received from the U.S. Census Bureau.

⁸ Total residual fuel oil ending stocks and stock change include stocks held at pipelines. Residual fuel oil ending stocks and stock change by sulfur content exclude pipeline stocks. Therefore, the sum of residual fuel oil ending stocks and stock change by sulfur content may not equal total residual fuel oil ending stocks and stock change.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-22M "Monthly Biodiesel Production Survey", Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal and Blender Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Oxygenate Report." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil, Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 16. PAD District 3 - Year-to-Date Daily Average Supply and Disposition of Crude Oil and Petroleum Products, January-December 2015
(Thousand Barrels per Day)

Commodity	Supply						Disposition			
	Field Production	Renewable Fuels and Oxygenate Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵
Crude Oil⁶	5,693	--	--	2,974	255	8	114	8,531	284	0
Natural Gas Plant Liquids and Liquefied Refinery Gases	1,910	-1	398	13	354	--	51	299	625	1,699
Pentanes Plus	223	-1	--	11	-81	--	-3	96	1	58
Liquefied Petroleum Gases	1,687	--	398	2	435	--	54	204	624	1,641
Ethane/Ethylene	755	--	5	--	190	--	-4	--	--	955
Propane/Propylene	599	--	360	0	156	--	52	--	551	512
Normal Butane/Butylene	131	--	40	2	67	--	6	86	66	81
Isobutane/Isobutylene	202	--	-8	--	22	--	-1	117	7	93
Other Liquids	--	103	--	468	-1,727	45	2	-1,570	459	-2
Hydrogen/Oxygenates/Renewables/Other Hydrocarbons	--	103	--	13	157	109	2	283	97	0
Hydrogen	--	--	--	--	--	124	--	124	--	0
Oxygenates (excluding Fuel Ethanol)	--	65	--	4	--	-6	0	2	60	0
Renewable Fuels (including Fuel Ethanol)	--	38	--	9	157	-8	3	157	36	0
Fuel Ethanol	--	25	--	0	155	-3	3	139	35	0
Renewable Fuels Except Fuel Ethanol	--	13	--	9	3	-6	0	18	1	0
Other Hydrocarbons	--	--	--	0	--	0	--	0	--	0
Unfinished Oils	--	--	--	442	17	--	-8	226	244	-2
Motor Gasoline Blend.Comp. (MGBC)	--	--	--	13	-1,901	-63	8	-2,079	119	0
Reformulated	--	--	--	--	-455	123	3	-337	1	0
Conventional	--	--	--	13	-1,446	-186	5	-1,742	118	0
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	0	0	--	0
Finished Petroleum Products	--	--	7,452	133	-1,856	78	26	--	2,279	3,503
Finished Motor Gasoline	--	--	2,207	3	-359	66	-5	--	432	1,489
Reformulated	--	--	426	--	--	-147	--	--	--	279
Conventional	--	--	1,780	3	-359	213	-5	--	432	1,209
Finished Aviation Gasoline	--	--	7	--	-11	--	0	--	--	-4
Kerosene-Type Jet Fuel	--	--	799	--	-470	--	2	--	121	206
Kerosene	--	--	9	--	-1	--	0	--	7	1
Distillate Fuel Oil	--	--	2,807	11	-1,005	13	6	--	1,028	791
15 ppm sulfur and under ⁷	--	--	2,553	0	-907	13	8	--	888	763
Greater than 15 ppm to 500 ppm sulfur ⁷	--	--	90	--	-11	--	2	--	65	13
Greater than 500 ppm sulfur	--	--	163	10	-87	--	-4	--	75	15
Residual Fuel Oil ⁸	--	--	189	45	22	--	15	--	233	8
Less than 0.31 percent sulfur	--	--	29	7	1	--	2	--	NA	NA
0.31 to 1.00 percent sulfur	--	--	16	9	1	--	-4	--	NA	NA
Greater than 1.00 percent sulfur	--	--	144	29	21	--	17	--	NA	NA
Petrochemical Feedstocks	--	--	258	33	4	--	0	--	--	296
Naphtha for Petro. Feed. Use	--	--	163	28	3	--	-1	--	--	195
Other Oils for Petro. Feed. Use	--	--	95	5	1	--	0	--	--	101
Special Naphthas	--	--	36	14	-2	--	0	--	--	49
Lubricants	--	--	140	21	-22	--	6	--	53	80
Waxes	--	--	3	1	--	--	0	--	1	4
Petroleum Coke	--	--	498	5	--	--	-2	--	395	110
Marketable	--	--	380	5	--	--	-2	--	395	-8
Catalyst	--	--	118	--	--	--	--	--	--	118
Asphalt and Road Oil	--	--	83	--	-13	--	3	--	8	60
Still Gas	--	--	360	--	--	--	--	--	--	360
Miscellaneous Products	--	--	54	--	0	--	1	--	1	53
Total	7,603	102	7,850	3,587	-2,973	131	193	7,261	3,647	5,199

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

² Includes implied net receipts for fuel ethanol and oxygenates (excluding fuel ethanol). Implied net receipts are calculated as the sum of stock change, refinery and blender net inputs, and exports minus the sum of Renewable Fuels and Oxygenate Plant Net Production, Imports, and Adjustments. Includes crude oil receipts by rail.

³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for motor gasoline blending components, fuel ethanol, and distillate fuel oil. See Appendix B, Note 2C for a detailed explanation of these adjustments.

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks.

⁵ Product supplied is equal to field production, plus renewable fuels and oxygenate plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁶ Includes value for the Strategic Petroleum Reserve. See Table 25 for the breakout of Commercial Crude Oil.

⁷ Exports of distillate fuel oil with sulfur greater than 15 ppm to 500 ppm may include distillate fuel oil with sulfur content 15 ppm and under due to product detail limitations in the exports data received from the U.S. Census Bureau.

⁸ Total residual fuel oil ending stocks and stock change include stocks held at pipelines. Residual fuel oil ending stocks and stock change by sulfur content exclude pipeline stocks.

Therefore, the sum of residual fuel oil ending stocks and stock change by sulfur content may not equal total residual fuel oil ending stocks and stock change.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-22M "Monthly Biodiesel Production Survey", Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal and Blender Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Oxygenate Report." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil, Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 17. PAD District 4 - Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, December 2015
(Thousand Barrels)

Commodity	Supply						Disposition				Ending Stocks
	Field Production	Renewable Fuels and Oxygenate Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵	
Crude Oil⁶	22,162	--	--	9,162	-13,121	1,559	662	18,615	486	0	23,545
Natural Gas Plant Liquids and Liquefied Refinery Gases	9,924	-11	162	670	-9,094	--	-592	835	196	1,212	3,622
Pentanes Plus	1,725	-11	--	--	-1,367	--	-21	159	143	66	310
Liquefied Petroleum Gases	8,199	--	162	670	-7,727	--	-571	676	53	1,146	3,312
Ethane/Ethylene	2,176	--	--	--	-2,308	--	2	--	--	-134	432
Propane/Propylene	3,830	--	281	647	-3,411	--	-199	--	10	1,536	1,519
Normal Butane/Butylene	1,577	--	-148	4	-1,245	--	-402	391	43	156	1,026
Isobutane/Isobutylene	616	--	29	19	-763	--	28	285	--	-412	335
Other Liquids	--	446	--	17	213	-542	377	-396	11	142	9,289
Hydrogen/Oxygenates/Renewables/											
Other Hydrocarbons	--	446	--	5	535	152	9	1,129	--	0	351
Hydrogen	--	--	--	--	--	220	--	220	--	0	--
Oxygenates (excluding Fuel Ethanol)	--	--	--	--	--	--	--	--	--	--	--
Renewable Fuels (including Fuel Ethanol)	--	446	--	5	535	-68	9	909	--	0	351
Fuel Ethanol	--	446	--	--	450	-12	5	879	--	0	338
Renewable Fuels Except Fuel Ethanol	--	--	--	5	85	-56	4	30	--	0	13
Other Hydrocarbons	--	--	--	--	--	--	--	--	--	--	--
Unfinished Oils	--	--	--	--	--	--	92	-245	11	142	3,514
Motor Gasoline Blend. Comp. (MGBC)	--	--	--	12	-322	-694	276	-1,280	0	0	5,424
Reformulated	--	--	--	--	--	--	--	--	--	--	--
Conventional	--	--	--	--	-322	-694	276	-1,280	0	0	5,424
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	--	19,921	60	-659	762	680	--	30	19,374	9,091
Finished Motor Gasoline	--	--	9,858	--	-743	706	214	--	1	9,606	2,292
Reformulated	--	--	--	--	--	--	--	--	--	--	--
Conventional	--	--	9,858	--	-743	706	214	--	1	9,606	2,292
Finished Aviation Gasoline	--	--	1	--	--	--	-2	--	--	3	6
Kerosene-Type Jet Fuel	--	--	1,033	--	496	--	-75	--	--	1,604	595
Kerosene	--	--	2	--	--	--	2	--	--	0	2
Distillate Fuel Oil	--	--	6,110	1	-412	56	263	--	0	5,492	4,316
15 ppm sulfur and under ⁷	--	--	6,086	1	-412	56	264	--	0	5,467	4,043
Greater than 15 ppm to 500 ppm sulfur ⁷	--	--	11	--	--	--	-14	--	--	25	187
Greater than 500 ppm sulfur	--	--	13	--	--	--	13	--	--	0	86
Residual Fuel Oil ⁸	--	--	364	--	--	--	13	--	17	334	238
Less than 0.31 percent sulfur	--	--	167	--	--	--	0	--	NA	NA	7
0.31 to 1.00 percent sulfur	--	--	22	--	--	--	3	--	NA	NA	7
Greater than 1.00 percent sulfur	--	--	175	--	--	--	10	--	NA	NA	224
Petrochemical Feedstocks	--	--	--	--	--	--	--	--	--	--	--
Naphtha for Petro. Feed. Use	--	--	--	--	--	--	--	--	--	--	--
Other Oils for Petro. Feed. Use	--	--	--	--	--	--	--	--	--	--	--
Special Naphthas	--	--	--	--	--	--	--	--	--	--	--
Lubricants	--	--	--	--	--	--	--	--	10	-10	--
Waxes	--	--	--	--	--	--	--	--	1	-1	--
Petroleum Coke	--	--	796	--	--	--	-23	--	--	819	93
Marketable	--	--	535	--	--	--	-23	--	--	558	93
Catalyst	--	--	261	--	--	--	--	--	--	261	--
Asphalt and Road Oil	--	--	957	57	--	--	293	--	1	720	1,531
Still Gas	--	--	691	--	--	--	--	--	--	691	--
Miscellaneous Products	--	--	109	2	--	--	-5	--	0	116	18
Total	32,086	435	20,083	9,909	-22,661	1,779	1,127	19,054	723	20,728	45,547

-- = Not Applicable.

-- = No Data Reported.

NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

² Includes implied net receipts for fuel ethanol and oxygenates (excluding fuel ethanol). Implied net receipts are calculated as the sum of stock change, refinery and blender net inputs, and exports minus the sum of Renewable Fuels and Oxygenate Plant Net Production, Imports, and Adjustments. Includes crude oil receipts by rail.

³ Includes an adjustment for crude oil, previously referred to as "Unaccounted For Crude Oil." Also included is an adjustment for motor gasoline blending components, fuel ethanol, and distillate fuel oil. See Appendix B, Note 2C for a detailed explanation of these adjustments.

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks.

⁵ Product supplied is equal to field production, plus renewable fuels and oxygenate plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁶ Crude oil stocks include an adjustment of 10,630 thousand barrels (constant since 1983) to account for incomplete survey reporting of stocks held on producing leases.

⁷ Exports of distillate fuel oil with sulfur greater than 15 ppm to 500 ppm may include distillate fuel oil with sulfur content 15 ppm and under due to product detail limitations in the exports data received from the U.S. Census Bureau.

⁸ Total residual fuel oil ending stocks and stock change include stocks held at pipelines. Residual fuel oil ending stocks and stock change by sulfur content exclude pipeline stocks. Therefore, the sum of residual fuel oil ending stocks and stock change by sulfur content may not equal total residual fuel oil ending stocks and stock change.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-22M "Monthly Biodiesel Production Survey", Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal and Blender Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Oxygenate Report." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil, Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 18. PAD District 4 - Year-to-Date Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, January-December 2015
(Thousand Barrels)

Commodity	Supply						Disposition				Ending Stocks
	Field Production	Renewable Fuels and Oxygenate Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵	
Crude Oil⁶	272,469	--	--	119,074	-153,672	-11,771	3,234	219,796	3,070	0	23,545
Natural Gas Plant Liquids and Liquefied Refinery Gases	117,993	-123	4,589	3,561	-108,299	--	387	7,148	2,691	7,495	3,622
Pentanes Plus	20,168	-123	--	--	-16,493	--	20	2,045	1,914	-427	310
Liquefied Petroleum Gases	97,825	--	4,589	3,561	-91,806	--	367	5,103	777	7,922	3,312
Ethane/Ethylene	27,979	--	--	--	-27,855	--	-86	--	--	210	432
Propane/Propylene	44,389	--	3,349	3,343	-40,088	--	155	--	180	10,658	1,519
Normal Butane/Butylene	18,343	--	1,247	23	-14,614	--	237	2,534	571	1,657	1,026
Isobutane/Isobutylene	7,114	--	-7	195	-9,249	--	61	2,569	26	-4,603	335
Other Liquids	--	5,490	--	539	5,743	-4,384	326	5,509	307	1,245	9,289
Hydrogen/Oxygenates/Renewables/Other Hydrocarbons	--	5,490	--	29	6,685	1,336	-34	13,327	246	0	351
Hydrogen	--	--	--	--	--	2,293	--	2,293	--	0	--
Oxygenates (excluding Fuel Ethanol)	--	--	--	--	--	0	--	--	0	0	--
Renewable Fuels (including Fuel Ethanol)	--	5,490	--	29	6,685	-958	-34	11,034	246	0	351
Fuel Ethanol	--	5,242	--	--	5,388	-193	-37	10,455	19	0	338
Renewable Fuels Except Fuel Ethanol	--	248	--	29	1,297	-765	3	579	227	0	13
Other Hydrocarbons	--	--	--	--	--	--	--	--	--	--	--
Unfinished Oils	--	--	--	--	--	--	291	-1,572	36	1,245	3,514
Motor Gasoline Blend.Comp. (MGBC)	--	--	--	510	-942	-5,720	69	-6,246	25	0	5,424
Reformulated	--	--	--	--	--	--	--	--	--	--	--
Conventional	--	--	--	--	-942	-5,720	69	-6,246	25	0	5,424
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	--	237,179	915	-599	6,678	-389	--	401	244,161	9,091
Finished Motor Gasoline	--	--	115,605	24	-4,810	5,913	-255	--	9	116,978	2,292
Reformulated	--	--	--	--	--	--	--	--	--	--	--
Conventional	--	--	115,605	24	-4,810	5,913	-255	--	9	116,978	2,292
Finished Aviation Gasoline	--	--	70	8	--	--	-3	--	--	81	6
Kerosene-Type Jet Fuel	--	--	11,624	--	7,128	--	50	--	0	18,702	595
Kerosene	--	--	3	--	--	--	1	--	--	2	2
Distillate Fuel Oil	--	--	73,932	259	-2,917	765	-258	--	0	72,296	4,316
15 ppm sulfur and under ⁷	--	--	73,351	220	-2,917	765	-144	--	0	71,562	4,043
Greater than 15 ppm to 500 ppm sulfur ⁷	--	--	525	20	--	--	-53	--	--	598	187
Greater than 500 ppm sulfur	--	--	56	19	--	--	-61	--	--	136	86
Residual Fuel Oil ⁸	--	--	4,515	163	--	--	-36	--	157	4,557	238
Less than 0.31 percent sulfur	--	--	2,308	--	--	--	-52	--	NA	NA	7
0.31 to 1.00 percent sulfur	--	--	375	163	--	--	-29	--	NA	NA	7
Greater than 1.00 percent sulfur	--	--	1,832	--	--	--	45	--	NA	NA	224
Petrochemical Feedstocks	--	--	--	--	--	--	--	--	--	--	--
Naphtha for Petro. Feed. Use	--	--	--	--	--	--	--	--	--	--	--
Other Oils for Petro. Feed. Use	--	--	--	--	--	--	--	--	--	--	--
Special Naphthas	--	--	--	--	--	--	--	--	--	--	--
Lubricants	--	--	--	--	--	--	--	--	135	-135	--
Waxes	--	--	--	--	--	--	--	--	5	-5	--
Petroleum Coke	--	--	8,964	--	--	--	-17	--	7	8,974	93
Marketable	--	--	6,080	--	--	--	-17	--	7	6,090	93
Catalyst	--	--	2,884	--	--	--	--	--	--	2,884	--
Asphalt and Road Oil	--	--	12,436	446	--	--	124	--	87	12,671	1,531
Still Gas	--	--	8,720	--	--	--	--	--	--	8,720	--
Miscellaneous Products	--	--	1,310	15	--	--	5	--	0	1,320	18
Total	390,462	5,367	241,768	124,089	-256,827	-9,477	3,558	232,453	6,470	252,901	45,547

-- = Not Applicable.

-- = No Data Reported.

NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

² Includes implied net receipts for fuel ethanol and oxygenates (excluding fuel ethanol). Implied net receipts are calculated as the sum of stock change, refinery and blender net inputs, and exports minus the sum of Renewable Fuels and Oxygenate Plant Net Production, Imports, and Adjustments. Includes crude oil receipts by rail.

³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for motor gasoline blending components, fuel ethanol, and distillate fuel oil. See Appendix B, Note 2C for a detailed explanation of these adjustments.

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks.

⁵ Product supplied is equal to field production, plus renewable fuels and oxygenate plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁶ Crude oil stocks include an adjustment of 10,630 thousand barrels (constant since 1983) to account for incomplete survey reporting of stocks held on producing leases.

⁷ Exports of distillate fuel oil with sulfur greater than 15 ppm to 500 ppm may include distillate fuel oil with sulfur content 15 ppm and under due to product detail limitations in the exports data received from the U.S. Census Bureau.

⁸ Total residual fuel oil ending stocks and stock change include stocks held at pipelines. Residual fuel oil ending stocks and stock change by sulfur content exclude pipeline stocks. Therefore, the sum of residual fuel oil ending stocks and stock change by sulfur content may not equal total residual fuel oil ending stocks and stock change.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-22M "Monthly Biodiesel Production Survey", Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal and Blender Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Oxygenate Report." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil, Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 19. PAD District 4 - Daily Average Supply and Disposition of Crude Oil and Petroleum Products, December 2015
(Thousand Barrels per Day)

Commodity	Supply						Disposition			
	Field Production	Renewable Fuels and Oxygenate Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵
Crude Oil	715	--	--	296	-423	50	21	600	16	0
Natural Gas Plant Liquids and Liquefied										
Refinery Gases	320	0	5	22	-293	--	-19	27	6	39
Pentanes Plus	56	0	--	--	-44	--	-1	5	5	2
Liquefied Petroleum Gases	264	--	5	22	-249	--	-18	22	2	37
Ethane/Ethylene	70	--	--	--	-74	--	0	--	--	-4
Propane/Propylene	124	--	9	21	-110	--	-6	--	0	50
Normal Butane/Butylene	51	--	-5	0	-40	--	-13	13	1	5
Isobutane/Isobutylene	20	--	1	1	-25	--	1	9	--	-13
Other Liquids	--	14	--	1	7	-17	12	-13	0	5
Hydrogen/Oxygenates/Renewables/Other Hydrocarbons	--	14	--	0	17	5	0	36	--	0
Hydrogen	--	--	--	--	--	7	--	7	--	0
Oxygenates (excluding Fuel Ethanol)	--	--	--	--	--	--	--	--	--	--
Renewable Fuels (including Fuel Ethanol)	--	14	--	0	17	-2	0	29	--	0
Fuel Ethanol	--	14	--	--	15	0	0	28	--	0
Renewable Fuels Except Fuel Ethanol	--	--	--	0	3	-2	0	1	--	0
Other Hydrocarbons	--	--	--	--	--	--	--	--	--	--
Unfinished Oils	--	--	--	--	--	--	3	-8	0	5
Motor Gasoline Blend.Comp. (MGBC)	--	--	--	0	-10	-22	9	-41	0	0
Reformulated	--	--	--	--	--	--	--	--	--	--
Conventional	--	--	--	--	-10	-22	9	-41	0	0
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	--	643	2	-21	25	22	--	1	625
Finished Motor Gasoline	--	--	318	--	-24	23	7	--	0	310
Reformulated	--	--	--	--	--	--	--	--	--	--
Conventional	--	--	318	--	-24	23	7	--	0	310
Finished Aviation Gasoline	--	--	0	--	--	--	0	--	--	0
Kerosene-Type Jet Fuel	--	--	33	--	16	--	-2	--	--	52
Kerosene	--	--	0	--	--	--	0	--	--	0
Distillate Fuel Oil	--	--	197	0	-13	2	8	--	0	177
15 ppm sulfur and under ⁶	--	--	196	0	-13	2	9	--	0	176
Greater than 15 ppm to 500 ppm sulfur ⁶	--	--	0	--	--	--	0	--	--	1
Greater than 500 ppm sulfur	--	--	0	--	--	--	0	--	--	0
Residual Fuel Oil ⁷	--	--	12	--	--	--	0	--	1	11
Less than 0.31 percent sulfur	--	--	5	--	--	--	0	--	NA	NA
0.31 to 1.00 percent sulfur	--	--	1	--	--	--	0	--	NA	NA
Greater than 1.00 percent sulfur	--	--	6	--	--	--	0	--	NA	NA
Petrochemical Feedstocks	--	--	--	--	--	--	--	--	--	--
Naphtha for Petro. Feed. Use	--	--	--	--	--	--	--	--	--	--
Other Oils for Petro. Feed. Use	--	--	--	--	--	--	--	--	--	--
Special Naphthas	--	--	--	--	--	--	--	--	--	--
Lubricants	--	--	--	--	--	--	--	--	0	0
Waxes	--	--	--	--	--	--	--	--	0	0
Petroleum Coke	--	--	26	--	--	--	-1	--	--	26
Marketable	--	--	17	--	--	--	-1	--	--	18
Catalyst	--	--	8	--	--	--	--	--	--	8
Asphalt and Road Oil	--	--	31	2	--	--	9	--	0	23
Still Gas	--	--	22	--	--	--	--	--	--	22
Miscellaneous Products	--	--	4	0	--	--	0	--	0	4
Total	1,035	14	648	320	-731	57	36	615	23	669

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

² Includes implied net receipts for fuel ethanol and oxygenates (excluding fuel ethanol). Implied net receipts are calculated as the sum of stock change, refinery and blender net inputs, and exports minus the sum of Renewable Fuels and Oxygenate Plant Net Production, Imports, and Adjustments. Includes crude oil receipts by rail.

³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for motor gasoline blending components, fuel ethanol, and distillate fuel oil. See Appendix B, Note 2C for a detailed explanation of these adjustments.

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks.

⁵ Product supplied is equal to field production, plus renewable fuels and oxygenate plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁶ Exports of distillate fuel oil with sulfur greater than 15 ppm to 500 ppm may include distillate fuel oil with sulfur content 15 ppm and under due to product detail limitations in the exports data received from the U.S. Census Bureau.

⁷ Total residual fuel oil ending stocks and stock change include stocks held at pipelines. Residual fuel oil ending stocks and stock change by sulfur content exclude pipeline stocks. Therefore, the sum of residual fuel oil ending stocks and stock change by sulfur content may not equal total residual fuel oil ending stocks and stock change.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-22M "Monthly Biodiesel Production Survey", Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal and Blender Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Oxygenate Report." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil, Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 20. PAD District 4 - Year-to-Date Daily Average Supply and Disposition of Crude Oil and Petroleum Products, January-December 2015
(Thousand Barrels per Day)

Commodity	Supply						Disposition			
	Field Production	Renewable Fuels and Oxygenate Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵
Crude Oil	746	--	--	326	-421	-32	9	602	8	0
Natural Gas Plant Liquids and Liquefied										
Refinery Gases	323	0	13	10	-297	--	1	20	7	21
Pentanes Plus	55	0	--	--	-45	--	0	6	5	-1
Liquefied Petroleum Gases	268	--	13	10	-252	--	1	14	2	22
Ethane/Ethylene	77	--	--	--	-76	--	0	--	--	1
Propane/Propylene	122	--	9	9	-110	--	0	--	0	29
Normal Butane/Butylene	50	--	3	0	-40	--	1	7	2	5
Isobutane/Isobutylene	19	--	0	1	-25	--	0	7	0	-13
Other Liquids	--	15	--	1	16	-12	1	15	1	3
Hydrogen/Oxygenates/Renewables/Other Hydrocarbons	--	15	--	0	18	4	0	37	1	0
Hydrogen	--	--	--	--	--	6	--	6	--	0
Oxygenates (excluding Fuel Ethanol)	--	--	--	--	--	0	--	--	0	0
Renewable Fuels (including Fuel Ethanol)	--	15	--	0	18	-3	0	30	1	0
Fuel Ethanol	--	14	--	--	15	-1	0	29	0	0
Renewable Fuels Except Fuel Ethanol	--	1	--	0	4	-2	0	2	1	0
Other Hydrocarbons	--	--	--	--	--	--	--	--	--	--
Unfinished Oils	--	--	--	--	--	--	1	-4	0	3
Motor Gasoline Blend.Comp. (MGBC)	--	--	--	1	-3	-16	0	-17	0	0
Reformulated	--	--	--	--	--	--	--	--	--	--
Conventional	--	--	--	--	-3	-16	0	-17	0	0
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	--	650	3	-2	18	-1	--	1	669
Finished Motor Gasoline	--	--	317	0	-13	16	-1	--	0	320
Reformulated	--	--	--	--	--	--	--	--	--	--
Conventional	--	--	317	0	-13	16	-1	--	0	320
Finished Aviation Gasoline	--	--	0	0	--	--	0	--	--	0
Kerosene-Type Jet Fuel	--	--	32	--	20	--	0	--	0	51
Kerosene	--	--	0	--	--	--	0	--	--	0
Distillate Fuel Oil	--	--	203	1	-8	2	-1	--	0	198
15 ppm sulfur and under ⁶	--	--	201	1	-8	2	0	--	0	196
Greater than 15 ppm to 500 ppm sulfur ⁶	--	--	1	0	--	--	0	--	--	2
Greater than 500 ppm sulfur	--	--	0	0	--	--	0	--	--	0
Residual Fuel Oil ⁷	--	--	12	0	--	--	0	--	0	12
Less than 0.31 percent sulfur	--	--	6	--	--	--	0	--	NA	NA
0.31 to 1.00 percent sulfur	--	--	1	0	--	--	0	--	NA	NA
Greater than 1.00 percent sulfur	--	--	5	--	--	--	0	--	NA	NA
Petrochemical Feedstocks	--	--	--	--	--	--	--	--	--	--
Naphtha for Petro. Feed. Use	--	--	--	--	--	--	--	--	--	--
Other Oils for Petro. Feed. Use	--	--	--	--	--	--	--	--	--	--
Special Naphthas	--	--	--	--	--	--	--	--	--	--
Lubricants	--	--	--	--	--	--	--	--	0	0
Waxes	--	--	--	--	--	--	--	--	0	0
Petroleum Coke	--	--	25	--	--	--	0	--	0	25
Marketable	--	--	17	--	--	--	0	--	0	17
Catalyst	--	--	8	--	--	--	--	--	--	8
Asphalt and Road Oil	--	--	34	1	--	--	0	--	0	35
Still Gas	--	--	24	--	--	--	--	--	--	24
Miscellaneous Products	--	--	4	0	--	--	0	--	0	4
Total	1,070	15	662	340	-704	-26	10	637	18	693

-- = Not Applicable.

-- = No Data Reported.

NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

² Includes implied net receipts for fuel ethanol and oxygenates (excluding fuel ethanol). Implied net receipts are calculated as the sum of stock change, refinery and blender net inputs, and exports minus the sum of Renewable Fuels and Oxygenate Plant Net Production, Imports, and Adjustments. Includes crude oil receipts by rail.

³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for motor gasoline blending components, fuel ethanol, and distillate fuel oil. See Appendix B, Note 2C for a detailed explanation of these adjustments.

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks.

⁵ Product supplied is equal to field production, plus renewable fuels and oxygenate plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁶ Exports of distillate fuel oil with sulfur greater than 15 ppm to 500 ppm may include distillate fuel oil with sulfur content 15 ppm and under due to product detail limitations in the exports data received from the U.S. Census Bureau.

⁷ Total residual fuel oil ending stocks and stock change include stocks held at pipelines. Residual fuel oil ending stocks and stock change by sulfur content exclude pipeline stocks. Therefore, the sum of residual fuel oil ending stocks and stock change by sulfur content may not equal total residual fuel oil ending stocks and stock change.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-22M "Monthly Biodiesel Production Survey", Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal and Blender Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Oxygenate Report." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil, Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 21. PAD District 5 - Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, December 2015
(Thousand Barrels)

Commodity	Supply						Disposition				Ending Stocks
	Field Production	Renewable Fuels and Oxygenate Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵	
Crude Oil⁶	33,844	--	--	32,297	5,156	104	-1,814	73,215	0	0	55,165
Natural Gas Plant Liquids and Liquefied Refinery Gases	2,068	-13	-116	356	-8	--	-1,851	2,532	1,108	498	4,933
Pentanes Plus	951	-13	--	--	--	--	5	810	13	110	44
Liquefied Petroleum Gases	1,117	--	-116	356	-8	--	-1,856	1,722	1,095	388	4,889
Ethane/Ethylene	3	--	--	--	--	--	--	--	--	3	--
Propane/Propylene	376	--	890	346	--	--	-862	--	961	1,513	1,492
Normal Butane/Butylene	432	--	-1,027	7	--	--	-960	1,199	134	-961	2,929
Isobutane/Isobutylene	306	--	21	3	-8	--	-34	523	0	-167	468
Other Liquids	--	646	--	2,020	9,766	-148	-1,318	10,004	587	3,012	51,286
Hydrogen/Oxygenates/Renewables/											
Other Hydrocarbons	--	646	--	594	4,297	643	-407	6,548	40	0	3,428
Hydrogen	--	--	--	--	--	1,342	--	1,342	--	0	--
Oxygenates (excluding Fuel Ethanol)	--	--	--	--	--	1	--	--	1	0	--
Renewable Fuels (including Fuel Ethanol)	--	646	--	594	4,297	-700	-407	5,206	39	0	3,428
Fuel Ethanol	--	544	--	223	3,799	-67	-220	4,700	19	0	2,479
Renewable Fuels Except Fuel Ethanol	--	102	--	371	499	-633	-187	506	19	0	949
Other Hydrocarbons	--	--	--	--	--	--	--	--	--	--	--
Unfinished Oils	--	--	--	192	-267	--	-148	-2,972	33	3,012	21,029
Motor Gasoline Blend.Comp. (MGBC)	--	--	--	1,234	5,736	-791	-763	6,428	514	0	26,829
Reformulated	--	--	--	--	2,775	64	-326	3,165	0	0	13,214
Conventional	--	--	--	1,234	2,961	-855	-437	3,263	514	0	13,615
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	--	90,653	4,312	2,123	1,345	-2,344	--	12,574	88,203	32,737
Finished Motor Gasoline	--	--	47,531	90	624	858	-53	--	1,373	47,783	1,917
Reformulated	--	--	33,451	--	--	-739	-4	--	--	32,716	14
Conventional	--	--	14,080	90	624	1,597	-49	--	1,373	15,067	1,903
Finished Aviation Gasoline	--	--	-2	--	--	--	19	--	--	-21	184
Kerosene-Type Jet Fuel	--	--	13,390	1,961	185	--	-606	--	838	15,304	8,486
Kerosene	--	--	36	--	--	--	14	--	4	18	54
Distillate Fuel Oil	--	--	17,096	109	1,318	487	-163	--	4,012	15,162	13,842
15 ppm sulfur and under ⁷	--	--	16,400	73	1,318	487	-139	--	2,950	15,467	12,703
Greater than 15 ppm to 500 ppm sulfur ⁷	--	--	203	--	--	--	43	--	309	-149	341
Greater than 500 ppm sulfur	--	--	493	36	--	--	-67	--	753	-157	798
Residual Fuel Oil ⁸	--	--	3,001	1,994	--	--	-1,581	--	1,924	4,652	4,160
Less than 0.31 percent sulfur	--	--	--	91	--	--	46	--	NA	NA	284
0.31 to 1.00 percent sulfur	--	--	650	11	--	--	-55	--	NA	NA	604
Greater than 1.00 percent sulfur	--	--	2,351	1,892	--	--	-1,572	--	NA	NA	3,266
Petrochemical Feedstocks	--	--	5	34	--	--	1	--	--	38	2
Naphtha for Petro. Feed. Use	--	--	5	34	--	--	1	--	--	38	2
Other Oils for Petro. Feed. Use	--	--	--	--	--	--	--	--	--	--	--
Special Naphthas	--	--	44	--	--	--	9	--	--	35	62
Lubricants	--	--	652	11	-4	--	99	--	299	261	1,010
Waxes	--	--	--	15	--	--	--	--	4	11	--
Petroleum Coke	--	--	4,064	--	--	--	-441	--	4,092	413	1,202
Marketable	--	--	3,354	--	--	--	-441	--	4,092	-297	1,202
Catalyst	--	--	710	--	--	--	--	--	--	710	--
Asphalt and Road Oil	--	--	777	98	--	--	379	--	29	467	1,753
Still Gas	--	--	3,691	--	--	--	--	--	--	3,691	--
Miscellaneous Products	--	--	368	--	--	--	-21	--	0	389	65
Total	35,912	633	90,537	38,985	17,037	1,301	-7,327	85,751	14,270	91,713	144,121

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

² Includes implied net receipts for fuel ethanol and oxygenates (excluding fuel ethanol). Implied net receipts are calculated as the sum of stock change, refinery and blender net inputs, and exports minus the sum of Renewable Fuels and Oxygenate Plant Net Production, Imports, and Adjustments. Includes crude oil receipts by rail.

³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for motor gasoline blending components, fuel ethanol, and distillate fuel oil. See Appendix B, Note 2C for a detailed explanation of these adjustments.

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks.

⁵ Product supplied is equal to field production, plus renewable fuels and oxygenate plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁶ Crude oil stocks include an adjustment of 10,630 thousand barrels (constant since 1983) to account for incomplete survey reporting of stocks held on producing leases.

⁷ Exports of distillate fuel oil with sulfur greater than 15 ppm to 500 ppm may include distillate fuel oil with sulfur content 15 ppm and under due to product detail limitations in the exports data received from the U.S. Census Bureau.

⁸ Total residual fuel oil ending stocks and stock change include stocks held at pipelines. Residual fuel oil ending stocks and stock change by sulfur content exclude pipeline stocks. Therefore, the sum of residual fuel oil ending stocks and stock change by sulfur content may not equal total residual fuel oil ending stocks and stock change.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-22M "Monthly Biodiesel Production Survey", Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal and Blender Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Oxygenate Report." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil, Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 22. PAD District 5 - Year-to-Date Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, January-December 2015
(Thousand Barrels)

Commodity	Supply						Disposition				Ending Stocks
	Field Production	Renewable Fuels and Oxygenate Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵	
Crude Oil⁶	389,809	--	--	409,542	56,842	25,213	5,899	872,597	2,909	0	55,165
Natural Gas Plant Liquids and Liquefied Refinery Gases	24,186	-154	18,390	2,042	-8	--	-146	25,753	13,086	5,763	4,933
Pentanes Plus	11,099	-154	--	18	--	--	-30	9,090	723	1,180	44
Liquefied Petroleum Gases	13,087	--	18,390	2,024	-8	--	-116	16,663	12,363	4,583	4,889
Ethane/Ethylene	35	--	--	--	--	--	--	--	--	35	--
Propane/Propylene	4,519	--	14,855	1,985	--	--	-702	--	7,930	14,131	1,492
Normal Butane/Butylene	4,410	--	2,387	34	--	--	597	9,164	4,422	-7,352	2,929
Isobutane/Isobutylene	4,123	--	1,148	5	-8	--	-11	7,499	11	-2,231	468
Other Liquids	--	8,888	--	41,509	114,659	5,401	918	159,083	5,290	5,165	51,286
Hydrogen/Oxygenates/Renewables/	--	--	--	--	--	--	--	--	--	--	--
Other Hydrocarbons	--	8,888	--	5,937	53,865	9,349	544	76,750	744	0	3,428
Hydrogen	--	--	--	--	--	15,022	--	15,022	--	0	--
Oxygenates (excluding Fuel Ethanol)	--	--	--	--	--	17	--	--	17	0	--
Renewable Fuels (including Fuel Ethanol)	--	8,888	--	5,937	53,865	-5,691	544	61,728	727	0	3,428
Fuel Ethanol	--	6,751	--	1,055	49,840	-1,038	250	56,045	313	0	2,479
Renewable Fuels Except Fuel Ethanol	--	2,137	--	4,882	4,025	-4,653	294	5,683	414	0	949
Other Hydrocarbons	--	--	--	--	--	--	--	--	--	--	--
Unfinished Oils	--	--	--	17,057	-267	--	4,418	6,031	1,176	5,165	21,029
Motor Gasoline Blend.Comp. (MGBC)	--	--	--	18,515	61,061	-3,948	-4,044	76,302	3,370	0	26,829
Reformulated	--	--	--	2,074	30,369	4,332	-2,567	39,340	2	0	13,214
Conventional	--	--	--	16,441	30,692	-8,279	-1,477	36,962	3,369	0	13,615
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	--	1,100,117	48,486	18,972	8,713	-2,950	--	126,156	1,053,082	32,737
Finished Motor Gasoline	--	--	575,606	2,349	3,642	4,985	-829	--	11,983	575,429	1,917
Reformulated	--	--	399,164	--	--	-4,652	2	--	--	394,510	14
Conventional	--	--	176,442	2,349	3,642	9,637	-831	--	11,983	180,919	1,903
Finished Aviation Gasoline	--	--	527	--	28	--	-54	--	--	609	184
Kerosene-Type Jet Fuel	--	--	155,818	21,690	3,339	--	-237	--	8,577	172,507	8,486
Kerosene	--	--	121	--	--	--	-59	--	193	-13	54
Distillate Fuel Oil	--	--	209,292	5,446	13,371	3,728	-1,042	--	40,422	192,457	13,842
15 ppm sulfur and under ⁷	--	--	197,772	4,227	13,371	3,728	-764	--	29,073	190,789	12,703
Greater than 15 ppm to 500 ppm sulfur ⁷	--	--	2,475	4	--	--	-79	--	5,539	-2,981	341
Greater than 500 ppm sulfur	--	--	9,045	1,215	--	--	-199	--	5,811	4,648	798
Residual Fuel Oil ⁸	--	--	41,443	16,467	--	--	-576	--	18,279	40,207	4,160
Less than 0.31 percent sulfur	--	--	75	276	--	--	-19	--	NA	NA	284
0.31 to 1.00 percent sulfur	--	--	8,015	729	--	--	-79	--	NA	NA	604
Greater than 1.00 percent sulfur	--	--	33,353	15,462	--	--	-478	--	NA	NA	3,266
Petrochemical Feedstocks	--	--	64	449	--	--	0	--	--	513	2
Naphtha for Petro. Feed. Use	--	--	64	449	--	--	0	--	--	513	2
Other Oils for Petro. Feed. Use	--	--	--	--	--	--	--	--	--	--	--
Special Naphthas	--	--	458	--	--	--	6	--	--	452	62
Lubricants	--	--	7,281	229	-1,412	--	-221	--	3,215	3,104	1,010
Waxes	--	--	--	390	--	--	--	--	65	325	--
Petroleum Coke	--	--	51,780	347	--	--	-349	--	42,674	9,802	1,202
Marketable	--	--	40,888	347	--	--	-349	--	42,674	-1,090	1,202
Catalyst	--	--	10,892	--	--	--	--	--	--	10,892	--
Asphalt and Road Oil	--	--	9,379	1,119	--	--	414	--	738	9,346	1,753
Still Gas	--	--	43,762	--	--	--	--	--	--	43,762	--
Miscellaneous Products	--	--	4,586	--	4	--	-3	--	12	4,581	65
Total	413,995	8,734	1,118,507	501,579	190,464	39,327	3,721	1,057,433	147,442	1,064,010	144,121

-- = Not Applicable.

-- = No Data Reported.

NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

² Includes implied net receipts for fuel ethanol and oxygenates (excluding fuel ethanol). Implied net receipts are calculated as the sum of stock change, refinery and blender net inputs, and exports minus the sum of Renewable Fuels and Oxygenate Plant Net Production, Imports, and Adjustments. Includes crude oil receipts by rail.

³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for motor gasoline blending components, fuel ethanol, and distillate fuel oil. See Appendix B, Note 2C for a detailed explanation of these adjustments.

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks.

⁵ Product supplied is equal to field production, plus renewable fuels and oxygenate plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁶ Crude oil stocks include an adjustment of 10,630 thousand barrels (constant since 1983) to account for incomplete survey reporting of stocks held on producing leases.

⁷ Exports of distillate fuel oil with sulfur greater than 15 ppm to 500 ppm may include distillate fuel oil with sulfur content 15 ppm and under due to product detail limitations in the exports data received from the U.S. Census Bureau.

⁸ Total residual fuel oil ending stocks and stock change include stocks held at pipelines. Residual fuel oil ending stocks and stock change by sulfur content exclude pipeline stocks. Therefore, the sum of residual fuel oil ending stocks and stock change by sulfur content may not equal total residual fuel oil ending stocks and stock change.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-22M "Monthly Biodiesel Production Survey", Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal and Blender Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Oxygenate Report." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil, Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 23. PAD District 5 - Daily Average Supply and Disposition of Crude Oil and Petroleum Products, December 2015
(Thousand Barrels per Day)

Commodity	Supply						Disposition			
	Field Production	Renewable Fuels and Oxygenate Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵
Crude Oil	1,092	--	--	1,042	166	3	-59	2,362	0	0
Natural Gas Plant Liquids and Liquefied										
Refinery Gases	67	0	-4	11	0	--	-60	82	36	16
Pentanes Plus	31	0	--	--	--	--	0	26	0	4
Liquefied Petroleum Gases	36	--	-4	11	0	--	-60	56	35	13
Ethane/Ethylene	0	--	--	--	--	--	--	--	--	0
Propane/Propylene	12	--	29	11	--	--	-28	--	31	49
Normal Butane/Butylene	14	--	-33	0	--	--	-31	39	4	-31
Isobutane/Isobutylene	10	--	1	0	0	--	-1	17	0	-5
Other Liquids	--	21	--	65	315	-5	-43	323	19	97
Hydrogen/Oxygenates/Renewables/Other Hydrocarbons	--	21	--	19	139	21	-13	211	1	0
Hydrogen	--	--	--	--	--	43	--	43	--	0
Oxygenates (excluding Fuel Ethanol)	--	--	--	--	--	0	--	--	0	0
Renewable Fuels (including Fuel Ethanol)	--	21	--	19	139	-23	-13	168	1	0
Fuel Ethanol	--	18	--	7	123	-2	-7	152	1	0
Renewable Fuels Except Fuel Ethanol	--	3	--	12	16	-20	-6	16	1	0
Other Hydrocarbons	--	--	--	--	--	--	--	--	--	--
Unfinished Oils	--	--	--	6	-9	--	-5	-96	1	97
Motor Gasoline Blend.Comp. (MGBC)	--	--	--	40	185	-26	-25	207	17	0
Reformulated	--	--	--	--	90	2	-11	102	0	0
Conventional	--	--	--	40	96	-28	-14	105	17	0
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	--	2,924	139	68	43	-76	--	406	2,845
Finished Motor Gasoline	--	--	1,533	3	20	28	-2	--	44	1,541
Reformulated	--	--	1,079	--	--	-24	0	--	--	1,055
Conventional	--	--	454	3	20	52	-2	--	44	486
Finished Aviation Gasoline	--	--	0	--	--	--	1	--	--	-1
Kerosene-Type Jet Fuel	--	--	432	63	6	--	-20	--	27	494
Kerosene	--	--	1	--	--	--	0	--	0	1
Distillate Fuel Oil	--	--	551	4	43	16	-5	--	129	489
15 ppm sulfur and under ⁶	--	--	529	2	43	16	-4	--	95	499
Greater than 15 ppm to 500 ppm sulfur ⁶	--	--	7	--	--	--	1	--	10	-5
Greater than 500 ppm sulfur	--	--	16	1	--	--	-2	--	24	-5
Residual Fuel Oil ⁷	--	--	97	64	--	--	-51	--	62	150
Less than 0.31 percent sulfur	--	--	--	3	--	--	1	--	NA	NA
0.31 to 1.00 percent sulfur	--	--	21	0	--	--	-2	--	NA	NA
Greater than 1.00 percent sulfur	--	--	76	61	--	--	-51	--	NA	NA
Petrochemical Feedstocks	--	--	0	1	--	--	0	--	--	1
Naphtha for Petro. Feed. Use	--	--	0	1	--	--	0	--	--	1
Other Oils for Petro. Feed. Use	--	--	--	--	--	--	--	--	--	--
Special Naphthas	--	--	1	--	--	--	0	--	--	1
Lubricants	--	--	21	0	0	--	3	--	10	8
Waxes	--	--	--	0	--	--	--	--	0	0
Petroleum Coke	--	--	131	--	--	--	-14	--	132	13
Marketable	--	--	108	--	--	--	-14	--	132	-10
Catalyst	--	--	23	--	--	--	--	--	--	23
Asphalt and Road Oil	--	--	25	3	--	--	12	--	1	15
Still Gas	--	--	119	--	--	--	--	--	--	119
Miscellaneous Products	--	--	12	--	--	--	-1	--	0	13
Total	1,158	20	2,921	1,258	550	42	-236	2,766	460	2,958

-- = Not Applicable.

-- = No Data Reported.

NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

² Includes implied net receipts for fuel ethanol and oxygenates (excluding fuel ethanol). Implied net receipts are calculated as the sum of stock change, refinery and blender net inputs, and exports minus the sum of Renewable Fuels and Oxygenate Plant Net Production, Imports, and Adjustments. Includes crude oil receipts by rail.

³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for motor gasoline blending components, fuel ethanol, and distillate fuel oil. See Appendix B, Note 2C for a detailed explanation of these adjustments.

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks.

⁵ Product supplied is equal to field production, plus renewable fuels and oxygenate plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁶ Exports of distillate fuel oil with sulfur greater than 15 ppm to 500 ppm may include distillate fuel oil with sulfur content 15 ppm and under due to product detail limitations in the exports data received from the U.S. Census Bureau.

⁷ Total residual fuel oil ending stocks and stock change include stocks held at pipelines. Residual fuel oil ending stocks and stock change by sulfur content exclude pipeline stocks. Therefore, the sum of residual fuel oil ending stocks and stock change by sulfur content may not equal total residual fuel oil ending stocks and stock change.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-22M "Monthly Biodiesel Production Survey", Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal and Blender Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Oxygenate Report." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil, Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 24. PAD District 5 - Year-to-Date Daily Average Supply and Disposition of Crude Oil and Petroleum Products, January-December 2015
(Thousand Barrels per Day)

Commodity	Supply						Disposition			
	Field Production	Renewable Fuels and Oxygenate Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵
Crude Oil	1,068	--	--	1,122	156	69	16	2,391	8	0
Natural Gas Plant Liquids and Liquefied										
Refinery Gases	66	0	50	6	0	--	0	71	36	16
Pentanes Plus	30	0	--	0	--	--	0	25	2	3
Liquefied Petroleum Gases	36	--	50	6	0	--	0	46	34	13
Ethane/Ethylene	0	--	--	--	--	--	--	--	--	0
Propane/Propylene	12	--	41	5	--	--	-2	--	22	39
Normal Butane/Butylene	12	--	7	0	--	--	2	25	12	-20
Isobutane/Isobutylene	11	--	3	0	0	--	0	21	0	-6
Other Liquids	--	24	--	114	314	15	3	436	14	14
Hydrogen/Oxygenates/Renewables/										
Other Hydrocarbons	--	24	--	16	148	26	1	210	2	0
Hydrogen	--	--	--	--	--	41	--	41	--	0
Oxygenates (excluding Fuel Ethanol)	--	--	--	--	--	0	--	--	0	0
Renewable Fuels (including Fuel Ethanol) ...	--	24	--	16	148	-16	1	169	2	0
Fuel Ethanol	--	18	--	3	137	-3	1	154	1	0
Renewable Fuels Except Fuel Ethanol	--	6	--	13	11	-13	1	16	1	0
Other Hydrocarbons	--	--	--	--	--	--	--	--	--	--
Unfinished Oils	--	--	--	47	-1	--	12	17	3	14
Motor Gasoline Blend.Comp. (MGBC)	--	--	--	51	167	-11	-11	209	9	0
Reformulated	--	--	--	6	83	12	-7	108	0	0
Conventional	--	--	--	45	84	-23	-4	101	9	0
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	--	3,014	133	52	24	-8	--	346	2,885
Finished Motor Gasoline	--	--	1,577	6	10	14	-2	--	33	1,577
Reformulated	--	--	1,094	--	--	-13	0	--	--	1,081
Conventional	--	--	483	6	10	26	-2	--	33	496
Finished Aviation Gasoline	--	--	1	--	0	--	0	--	--	2
Kerosene-Type Jet Fuel	--	--	427	59	9	--	-1	--	23	473
Kerosene	--	--	0	--	--	--	0	--	1	0
Distillate Fuel Oil	--	--	573	15	37	10	-3	--	111	527
15 ppm sulfur and under ⁶	--	--	542	12	37	10	-2	--	80	523
Greater than 15 ppm to 500 ppm sulfur ⁶	--	--	7	0	--	--	0	--	15	-8
Greater than 500 ppm sulfur	--	--	25	3	--	--	-1	--	16	13
Residual Fuel Oil ⁷	--	--	114	45	--	--	-2	--	50	110
Less than 0.31 percent sulfur	--	--	0	1	--	--	0	--	NA	NA
0.31 to 1.00 percent sulfur	--	--	22	2	--	--	0	--	NA	NA
Greater than 1.00 percent sulfur	--	--	91	42	--	--	-1	--	NA	NA
Petrochemical Feedstocks	--	--	0	1	--	--	0	--	--	1
Naphtha for Petro. Feed. Use	--	--	0	1	--	--	0	--	--	1
Other Oils for Petro. Feed. Use	--	--	--	--	--	--	--	--	--	--
Special Naphthas	--	--	1	--	--	--	0	--	--	1
Lubricants	--	--	20	1	-4	--	-1	--	9	9
Waxes	--	--	--	1	--	--	--	--	0	1
Petroleum Coke	--	--	142	1	--	--	-1	--	117	27
Marketable	--	--	112	1	--	--	-1	--	117	-3
Catalyst	--	--	30	--	--	--	--	--	--	30
Asphalt and Road Oil	--	--	26	3	--	--	1	--	2	26
Still Gas	--	--	120	--	--	--	--	--	--	120
Miscellaneous Products	--	--	13	--	0	--	0	--	0	13
Total	1,134	24	3,064	1,374	522	108	10	2,897	404	2,915

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

² Includes implied net receipts for fuel ethanol and oxygenates (excluding fuel ethanol). Implied net receipts are calculated as the sum of stock change, refinery and blender net inputs, and exports minus the sum of Renewable Fuels and Oxygenate Plant Net Production, Imports, and Adjustments. Includes crude oil receipts by rail.

³ Includes an adjustment for crude oil, previously referred to as "Unaccounted For Crude Oil." Also included is an adjustment for motor gasoline blending components, fuel ethanol, and distillate fuel oil. See Appendix B, Note 2C for a detailed explanation of these adjustments.

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks.

⁵ Product supplied is equal to field production, plus renewable fuels and oxygenate plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁶ Exports of distillate fuel oil with sulfur greater than 15 ppm to 500 ppm may include distillate fuel oil with sulfur content 15 ppm and under due to product detail limitations in the exports data received from the U.S. Census Bureau.

⁷ Total residual fuel oil ending stocks and stock change include stocks held at pipelines. Residual fuel oil ending stocks and stock change by sulfur content exclude pipeline stocks. Therefore, the sum of residual fuel oil ending stocks and stock change by sulfur content may not equal total residual fuel oil ending stocks and stock change.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-22M "Monthly Biodiesel Production Survey", Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal and Blender Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Oxygenate Report." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil, Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 25. Crude Oil Supply, Disposition, and Ending Stocks by PAD District, December 2015
(Thousand Barrels, Except Where Noted)

Process	PAD Districts					U.S. Total	
	1	2	3	4	5	Total	Daily Average
Supply							
Field Production	1,479	55,847	173,801	22,162	33,844	287,133	9,262
Alaskan	--	--	--	--	--	16,191	522
Lower 48 States	--	--	--	--	--	270,942	8,740
Imports (PAD District of Entry)	21,756	80,007	101,693	9,162	32,297	244,915	7,900
Commercial	21,756	80,007	101,693	9,162	32,297	244,915	7,900
Strategic Petroleum Reserve (SPR)	--	--	--	--	--	--	--
Net Receipts	11,999	-8,074	4,040	-13,121	5,156	--	--
Adjustments ¹	3,151	-11,409	386	1,559	104	-6,209	-200
Disposition							
Stock Change ²	1,162	1,967	-8,031	662	-1,814	-6,054	-195
Commercial	--	--	-8,027	--	--	-6,050	-195
SPR	--	--	-4	--	--	-4	0
Refinery Inputs	35,500	113,496	278,900	18,615	73,215	519,726	16,765
Exports	1,723	908	9,051	486	0	12,167	392
Ending Stocks							
Total	16,298	150,472	931,007	23,545	55,165	1,176,487	--
Commercial	16,298	150,472	235,888	23,545	55,165	481,368	--
Refinery	12,571	14,994	48,358	2,224	22,658	100,805	--
Tank Farms and Pipelines	3,603	129,504	166,405	17,462	27,105	344,079	--
Cushing, Oklahoma	--	63,507	--	--	--	63,507	--
Lease ³	124	5,974	21,125	3,859	1,021	32,103	--
Alaskan Crude Oil In-Transit by Water	--	--	--	--	4,381	4,381	--
SPR	--	--	695,119	--	--	695,119	--
SPR Stocks							
Percent of Total Crude Oil Stocks (Percent)	--	--	--	--	--	59.1	--
Percent of Total Petroleum Stocks (Percent)	--	--	--	--	--	34.5	--
Days of Total Petroleum Net Imports (Days)	--	--	--	--	--	156	--
SPR Receipts Detail							
Receipts	--	--	--	--	--	--	--
Domestic	--	--	--	--	--	--	--
Imports	--	--	--	--	--	--	--
Imported by SPR	--	--	--	--	--	--	--
Imported for SPR by Others	--	--	--	--	--	--	--
Imports							
PAD District of Entry	21,756	80,007	101,693	9,162	32,297	244,915	7,900
PAD District of Processing	22,763	73,575	107,941	8,401	32,235	244,915	7,900

-- = Not Applicable.

-- = No Data Reported.

¹ Crude oil adjustment was previously referred to as Unaccounted-for Crude Oil.

² A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks.

³ Crude oil stocks include an adjustment of 10,630 thousand barrels (constant since 1983) to account for incomplete survey reporting of stocks held on producing leases.

Notes: Totals may not equal the sum of components due to independent rounding. Values of Domestic Crude Oil Field Production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," and EIA-817, "Monthly Tanker and Barge Movements Report." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil, Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 26. Production of Crude Oil by PAD District and State, December 2015
(Thousand Barrels)

PAD District and State	December 2015		January-December 2015	
	Total	Daily Average	Total	Daily Average
PAD District 1	1,479	48	18,221	50
Florida	188	6	2,208	6
New York	29	1	341	1
Pennsylvania	627	20	7,375	20
Virginia	1	0	16	0
West Virginia	634	20	8,279	23
PAD District 2	55,847	1,802	683,678	1,873
Illinois	828	27	9,521	26
Indiana	176	6	2,219	6
Kansas	3,331	107	44,609	122
Kentucky	357	12	2,862	8
Michigan	500	16	6,440	18
Missouri	11	0	139	0
Nebraska	229	7	2,964	8
North Dakota	35,410	1,142	428,543	1,174
Ohio	2,436	79	26,317	72
Oklahoma	12,414	400	158,041	433
South Dakota	131	4	1,678	5
Tennessee	23	1	344	1
PAD District 3	173,801	5,606	2,077,791	5,693
Alabama	713	23	9,663	26
Arkansas	504	16	6,534	18
Louisiana	5,012	162	63,254	173
Mississippi	1,842	59	24,826	68
New Mexico	11,574	373	149,829	410
Texas	103,534	3,340	1,261,658	3,457
Federal Offshore PAD District 3	50,621	1,633	562,025	1,540
PAD District 4	22,162	715	272,469	746
Colorado	10,047	324	119,190	327
Montana	2,223	72	28,645	78
Utah	2,789	90	36,959	101
Wyoming	7,103	229	87,676	240
PAD District 5	33,844	1,092	389,809	1,068
Alaska	16,191	522	176,240	483
South Alaska	519	17	6,686	18
North Slope	15,672	506	169,554	465
Arizona	1	0	40	0
California	16,964	547	201,921	553
Nevada	26	1	282	1
Federal Offshore PAD District 5	663	21	11,325	31
U.S. Total	287,133	9,262	3,441,967	9,430

– = No Data Reported.

Note: Year-to-date totals include revised monthly production estimates by state published in Petroleum Navigator. Crude oil production quantities are estimated by state and summed to the PADD and the U.S. level. State production estimates reported by EIA are normally different from data reported by state agencies. For example, production estimates for Texas reported on table 26 are different from production reported by the Railroad Commission of Texas. See EIA "Today In Energy" article released on July 10, 2015 (<http://www.eia.gov/todayinenergy/detail.cfm?id=22012>) for an explanation of differences in production data for Texas. Totals may not equal sum of components due to independent rounding.

Sources: Energy Information Administration Form EIA-914, "Monthly Crude Oil, Lease Condensate, and Natural Gas Production Report," state government agencies, U.S. Department of the Interior, and the Bureau of Ocean Energy Management.

Table 27. Natural Gas Plant Net Production and Stocks of Petroleum Products by PAD and Refining Districts, December 2015
(Thousand Barrels)

Commodity	Production						
	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Natural Gas Plant Liquids	15	9,347	9,362	6,449	5,688	11,881	24,018
Pentanes Plus	—	1,085	1,085	639	712	1,449	2,800
Liquefied Petroleum Gases	15	8,262	8,277	5,810	4,976	10,432	21,218
Ethane	—	3,174	3,174	1,890	1,456	4,077	7,423
Propane	5	3,473	3,478	2,622	2,250	4,194	9,066
Normal Butane	10	1,163	1,173	759	1,021	1,249	3,029
Isobutane	—	452	452	539	249	912	1,700

Commodity	Production								
	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Natural Gas Plant Liquids	40,764	7,034	6,121	1,019	4,319	59,257	9,924	2,068	104,629
Pentanes Plus	4,140	552	695	233	485	6,105	1,725	951	12,666
Liquefied Petroleum Gases	36,624	6,482	5,426	786	3,834	53,152	8,199	1,117	91,963
Ethane	16,889	3,439	2,405	271	1,726	24,730	2,176	3	37,506
Propane	12,854	1,947	1,927	290	1,375	18,393	3,830	376	35,143
Normal Butane	4,221	-1,979	672	135	475	3,524	1,577	432	9,735
Isobutane	2,660	3,075	422	90	258	6,505	616	306	9,579

Commodity	Stocks						
	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Natural Gas Plant Liquids	7	211	218	656	104	345	1,105
Pentanes Plus	—	52	52	132	29	62	223
Liquefied Petroleum Gases	7	159	166	524	75	283	882
Ethane	—	—	—	68	1	65	134
Propane	3	111	114	322	44	105	471
Normal Butane	4	37	41	68	24	77	169
Isobutane	—	11	11	66	6	36	108

Commodity	Stocks								
	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Natural Gas Plant Liquids	232	2,036	806	27	—	3,101	131	282	4,837
Pentanes Plus	28	58	343	5	—	434	41	30	780
Liquefied Petroleum Gases	204	1,978	463	22	—	2,667	90	252	4,057
Ethane	62	622	—	—	—	684	1	—	819
Propane	32	931	53	15	—	1,031	46	15	1,677
Normal Butane	101	236	365	7	—	709	34	207	1,160
Isobutane	9	189	45	—	—	243	9	30	401

— = No Data Reported.

Note: Refer to Appendix A for Refining District descriptions.

Sources: Energy Information Administration (EIA) Form EIA-816, "Monthly Natural Gas Liquids Report."

Table 28. Refinery and Blender Net Input of Crude Oil and Petroleum Products by PAD and Refining Districts, December 2015
(Thousand Barrels)

Commodity	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Crude Oil	32,505	2,995	35,500	73,016	16,126	24,354	113,496
Natural Gas Plant Liquids and Liquefied							
Refinery Gases	1,497	6	1,503	2,375	247	1,166	3,788
Pentanes Plus	95	—	95	—	11	341	352
Liquefied Petroleum Gases	1,402	6	1,408	2,375	236	825	3,436
Normal Butane	990	6	996	1,319	196	443	1,958
Isobutane	412	—	412	1,056	40	382	1,478
Other Liquids	71,112	6,363	77,475	9,429	2,343	2,392	14,164
Hydrogen/Oxygenates/Renewables/							
Other Hydrocarbons	9,612	805	10,417	5,786	1,502	1,707	8,995
Hydrogen	109	28	137	705	287	140	1,132
Oxygenates (excluding Fuel Ethanol)	—	—	—	—	—	—	—
Methyl Tertiary Butyl Ether (MTBE)	—	—	—	—	—	—	—
All Other Oxygenates ¹	—	—	—	—	—	—	—
Renewable Fuels (including Fuel Ethanol)	9,503	777	10,280	5,043	1,215	1,567	7,825
Fuel Ethanol	9,314	737	10,051	4,806	1,168	1,509	7,483
Renewable Diesel Fuel	189	40	229	237	47	58	342
Other Renewable Fuels	—	—	—	—	—	—	—
Other Hydrocarbons	—	—	—	38	—	—	38
Unfinished Oils (net)	1,301	-83	1,218	36	-162	525	399
Naphthas and Lighter	397	-33	364	447	-168	496	775
Kerosene and Light Gas Oils	-12	-1	-13	-96	64	5	-27
Heavy Gas Oils	856	-47	809	-141	-58	-108	-307
Residuum	60	-2	58	-174	—	132	-42
Motor Gasoline Blend.Comp. (MGBC)(net)	60,199	5,641	65,840	3,607	1,003	160	4,770
Reformulated - RBOB	16,260	—	16,260	-772	1,016	600	844
Conventional	43,939	5,641	49,580	4,379	-13	-440	3,926
CBOB	38,418	5,640	44,058	4,690	-119	-538	4,033
GTAB	1,694	—	1,694	—	—	—	—
Other	3,827	1	3,828	-311	106	98	-107
Aviation Gasoline Blend. Comp. (net)	—	—	—	—	—	—	—
Total Input	105,114	9,364	114,478	84,820	18,716	27,912	131,448

See footnotes at end of table.

Table 28. Refinery and Blender Net Input of Crude Oil and Petroleum Products by PAD and Refining Districts, December 2015
(Thousand Barrels) — Continued

Commodity	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Crude Oil	21,005	138,481	108,580	7,197	3,637	278,900	18,615	73,215	519,726
Natural Gas Plant Liquids and Liquefied Refinery Gases	583	4,986	5,506	217	180	11,472	835	2,532	20,130
Pentanes Plus	201	1,046	1,473	14	5	2,739	159	810	4,155
Liquefied Petroleum Gases	382	3,940	4,033	203	175	8,733	676	1,722	15,975
Normal Butane	163	2,122	2,441	140	—	4,866	391	1,199	9,410
Isobutane	219	1,818	1,592	63	175	3,867	285	523	6,565
Other Liquids	8,204	-37,822	-36,499	6,076	-382	-60,423	-396	10,004	40,824
Hydrogen/Oxygenates/Renewables/Other Hydrocarbons	2,021	3,373	2,419	1,136	214	9,163	1,129	6,548	36,252
Hydrogen	23	2,405	1,734	65	45	4,272	220	1,342	7,103
Oxygenates (excluding Fuel Ethanol)	—	88	—	—	—	88	—	—	88
Methyl Tertiary Butyl Ether (MTBE)	—	88	—	—	—	88	—	—	88
All Other Oxygenates ¹	—	—	—	—	—	—	—	—	—
Renewable Fuels (including Fuel Ethanol)	1,998	880	685	1,071	169	4,803	909	5,206	29,023
Fuel Ethanol	1,937	811	466	986	159	4,359	879	4,700	27,472
Renewable Diesel Fuel	61	69	219	85	10	444	30	506	1,551
Other Renewable Fuels	—	—	—	—	—	—	—	—	—
Other Hydrocarbons	—	—	—	—	—	—	—	—	38
Unfinished Oils (net)	-194	-33	5,585	109	211	5,678	-245	-2,972	4,078
Naphthas and Lighter	-32	-3,041	-1,461	20	112	-4,402	-35	-195	-3,493
Kerosene and Light Gas Oils	-142	-5,297	218	-25	44	-5,202	-337	-1,833	-7,412
Heavy Gas Oils	4	8,182	4,137	117	55	12,495	189	-1,252	11,934
Residuum	-24	123	2,691	-3	—	2,787	-62	308	3,049
Motor Gasoline Blend.Comp. (MGBC)(net)	6,378	-41,162	-44,504	4,831	-807	-75,264	-1,280	6,428	494
Reformulated - RBOB	5,534	-10,769	-3,255	—	-792	-9,282	—	3,165	10,987
Conventional	844	-30,393	-41,249	4,831	-15	-65,982	-1,280	3,263	-10,493
CBOB	1,240	-29,373	-38,176	4,807	98	-61,404	-1,131	2,400	-12,044
GTAB	—	—	—	—	—	—	—	—	1,694
Other	-396	-1,020	-3,073	24	-113	-4,578	-149	863	-143
Aviation Gasoline Blend. Comp. (net)	-1	—	1	—	—	0	—	—	0
Total Input	29,792	105,645	77,587	13,490	3,435	229,949	19,054	85,751	580,680

— = No Data Reported.

¹ Includes ethyl tertiary butyl ether (ETBE), tertiary amyl methyl ether (TAME), tertiary butyl alcohol (TBA), and other aliphatic alcohols and ethers intended for motor gasoline blending (e.g., isopropyl ether (IPE) or n-propanol).

Note: Totals may not equal sum of components due to independent rounding.

Note: Refer to Appendix A for Refining District descriptions.

Source: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," and EIA-815, "Monthly Bulk Terminal and Blender Report."

Table 29. Refinery and Blender Net Production of Finished Petroleum Products by PAD and Refining Districts, December 2015
(Thousand Barrels)

Commodity	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Liquefied Refinery Gases	489	-53	436	1,255	-308	-213	734
Ethane/Ethylene	19	—	19	—	—	—	—
Ethane	—	—	—	—	—	—	—
Ethylene	19	—	19	—	—	—	—
Propane/Propylene	1,195	22	1,217	2,535	422	666	3,623
Propane	758	22	780	1,596	255	472	2,323
Propylene	437	—	437	939	167	194	1,300
Normal Butane/Butylene	-747	-53	-800	-1,268	-657	-799	-2,724
Normal Butane	-722	-53	-775	-1,266	-657	-794	-2,717
Butylene	-25	—	-25	-2	—	-5	-7
Isobutane/Isobutylene	22	-22	0	-12	-73	-80	-165
Isobutane	22	-22	0	-12	-73	-80	-165
Isobutylene	—	—	—	—	—	—	—
Finished Motor Gasoline	88,271	7,530	95,801	51,487	11,157	16,196	78,840
Reformulated	39,081	—	39,081	8,753	1,602	1,037	11,392
Reformulated Blended with Fuel Ethanol	39,081	—	39,081	8,753	1,602	1,037	11,392
Reformulated Other	—	—	—	—	—	—	—
Conventional	49,190	7,530	56,720	42,734	9,555	15,159	67,448
Conventional Blended with Fuel Ethanol	52,907	7,379	60,286	38,955	10,017	13,917	62,889
Ed55 and Lower	52,894	7,379	60,273	38,951	10,003	13,889	62,843
Greater than Ed55	13	—	13	4	14	28	46
Conventional Other	-3,717	151	-3,566	3,779	-462	1,242	4,559
Finished Aviation Gasoline	—	—	—	—	31	—	31
Kerosene-Type Jet Fuel	2,942	—	2,942	5,817	889	721	7,427
Kerosene	128	—	128	342	1	5	348
Distillate Fuel Oil	10,083	781	10,864	18,260	5,082	9,767	33,109
15 ppm sulfur and under	8,543	733	9,276	18,176	5,017	9,775	32,968
Greater than 15 ppm to 500 ppm sulfur	175	92	267	—	39	113	152
Greater than 500 ppm sulfur	1,365	-44	1,321	84	26	-121	-11
Residual Fuel Oil	1,471	10	1,481	1,288	310	141	1,739
Less than 0.31 percent sulfur	259	10	269	—	—	—	—
0.31 to 1.00 percent sulfur	162	—	162	148	174	—	322
Greater than 1.00 percent sulfur	1,050	—	1,050	1,140	136	141	1,417
Petrochemical Feedstocks	105	—	105	924	-7	10	927
Naphtha for Petro. Feed. Use	105	—	105	739	-7	—	732
Other Oils for Petro. Feed. Use	—	—	—	185	—	10	195
Special Naphthas	—	20	20	38	—	17	55
Lubricants	112	237	349	—	—	279	279
Waxes	—	13	13	—	—	34	34
Petroleum Coke	1,202	19	1,221	4,160	800	906	5,866
Marketable	479	—	479	3,015	622	711	4,348
Catalyst	723	19	742	1,145	178	195	1,518
Asphalt and Road Oil	781	649	1,430	2,757	1,216	295	4,268
Still Gas	1,249	65	1,314	2,513	695	1,079	4,287
Miscellaneous Products	61	38	99	323	120	44	487
Total	106,894	9,309	116,203	89,164	19,986	29,281	138,431
Processing Gain(-) or Loss(+)¹	-1,780	55	-1,725	-4,344	-1,270	-1,369	-6,983

See footnotes at end of table.

Table 29. Refinery and Blender Net Production of Finished Petroleum Products by PAD and Refining Districts, December 2015
(Thousand Barrels) — Continued

Commodity	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Liquefied Refinery Gases	45	3,959	5,044	5	-26	9,027	162	-116	10,243
Ethane/Ethylene	1	197	9	—	—	207	—	—	226
Ethane	1	184	9	—	—	194	—	—	194
Ethylene	—	13	—	—	—	13	—	—	32
Propane/Propylene	463	6,063	5,294	23	51	11,894	281	890	17,905
Propane	93	2,529	1,931	23	51	4,627	268	833	8,831
Propylene	370	3,534	3,363	—	—	7,267	13	57	9,074
Normal Butane/Butylene	-337	-1,863	-541	-18	-82	-2,841	-148	-1,027	-7,540
Normal Butane	-338	-1,350	-598	-18	-78	-2,382	-163	-1,028	-7,065
Butylene	1	-513	57	—	-4	-459	15	1	-475
Isobutane/Isobutylene	-82	-438	282	—	5	-233	29	21	-348
Isobutane	-82	-414	282	—	5	-209	29	21	-324
Isobutylene	—	-24	—	—	—	-24	—	—	-24
Finished Motor Gasoline	20,537	28,898	11,516	8,299	1,651	70,901	9,858	47,531	302,931
Reformulated	7,242	6,409	—	—	—	13,651	—	33,451	97,575
Reformulated Blended with Fuel Ethanol	7,242	6,409	—	—	—	13,651	—	33,451	97,575
Reformulated Other	—	—	—	—	—	—	—	—	—
Conventional	13,295	22,489	11,516	8,299	1,651	57,250	9,858	14,080	205,356
Conventional Blended with Fuel Ethanol	12,249	1,705	4,642	9,788	1,598	29,982	8,773	13,322	175,252
Ed55 and Lower	12,248	1,705	4,642	9,782	1,598	29,975	8,770	13,316	175,177
Greater than Ed55	1	—	—	6	—	7	3	6	75
Conventional Other	1,046	20,784	6,874	-1,489	53	27,268	1,085	758	30,104
Finished Aviation Gasoline	58	66	139	—	—	263	1	-2	293
Kerosene-Type Jet Fuel	1,205	13,422	13,093	126	—	27,846	1,033	13,390	52,638
Kerosene	1	-41	382	11	—	353	2	36	867
Distillate Fuel Oil	6,410	42,732	35,912	2,634	1,495	89,183	6,110	17,096	156,362
15 ppm sulfur and under	6,433	41,001	30,509	2,596	1,495	82,034	6,086	16,400	146,764
Greater than 15 ppm to 500 ppm sulfur	-23	806	2,054	51	—	2,888	11	203	3,521
Greater than 500 ppm sulfur	—	925	3,349	-13	—	4,261	13	493	6,077
Residual Fuel Oil	324	1,462	3,252	-46	91	5,083	364	3,001	11,668
Less than 0.31 percent sulfur	196	-91	731	—	—	836	167	—	1,272
0.31 to 1.00 percent sulfur	—	204	291	-46	22	471	22	650	1,627
Greater than 1.00 percent sulfur	128	1,349	2,230	—	69	3,776	175	2,351	8,769
Petrochemical Feedstocks	111	6,119	2,413	—	—	8,643	—	5	9,680
Naphtha for Petro. Feed. Use	108	4,449	1,287	—	—	5,844	—	5	6,686
Other Oils for Petro. Feed. Use	3	1,670	1,126	—	—	2,799	—	—	2,994
Special Naphthas	68	568	—	200	—	836	—	44	955
Lubricants	42	1,911	1,798	946	—	4,697	—	652	5,977
Waxes	—	43	36	25	—	104	—	—	151
Petroleum Coke	470	9,213	6,566	143	45	16,437	796	4,064	28,384
Marketable	219	7,061	5,163	129	—	12,572	535	3,354	21,288
Catalyst	251	2,152	1,403	14	45	3,865	261	710	7,096
Asphalt and Road Oil	208	286	932	985	113	2,524	957	777	9,956
Still Gas	730	6,247	4,438	204	88	11,707	691	3,691	21,690
Miscellaneous Products	132	1,140	677	22	8	1,979	109	368	3,042
Total	30,341	116,025	86,198	13,554	3,465	249,583	20,083	90,537	614,837
Processing Gain(-) or Loss(+) ¹	-549	-10,380	-8,611	-64	-30	-19,634	-1,029	-4,786	-34,157

— = No Data Reported.

¹ Represents the arithmetic difference between input and production.

Note: Refer to Appendix A for Refining District descriptions.

Source: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," and EIA-815, "Monthly Bulk Terminal and Blender Report."

Table 30. Refinery Net Input of Crude Oil and Petroleum Products by PAD and Refining Districts, December 2015
(Thousand Barrels, Except Where Noted)

Commodity	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Crude Oil	32,505	2,995	35,500	73,016	16,126	24,354	113,496
Natural Gas Plant Liquids	761	—	761	2,206	181	713	3,100
Pentanes Plus	—	—	—	—	—	281	281
Liquefied Petroleum Gases	761	—	761	2,206	181	432	2,819
Normal Butane	349	—	349	1,150	141	50	1,341
Isobutane	412	—	412	1,056	40	382	1,478
Other Liquids	-15,909	112	-15,797	-35,216	-6,861	-10,949	-53,026
Hydrogen/Oxygenates/Renewables/ Other Hydrocarbons	178	144	322	989	451	231	1,671
Hydrogen	109	28	137	705	287	140	1,132
Oxygenates (excluding Fuel Ethanol)	—	—	—	—	—	—	—
Methyl Tertiary Butyl Ether (MTBE)	—	—	—	—	—	—	—
All Other Oxygenates ¹	—	—	—	—	—	—	—
Renewable Fuels (including Fuel Ethanol)	69	116	185	246	164	91	501
Fuel Ethanol	69	107	176	158	151	83	392
Renewable Diesel Fuel	—	9	9	88	13	8	109
Other Renewable Fuels	—	—	—	—	—	—	—
Other Hydrocarbons	—	—	—	38	—	—	38
Unfinished Oils (net)	1,309	-82	1,227	-23	-162	525	340
Naphthas and Lighter	406	-33	373	447	-168	496	775
Kerosene and Light Gas Oils	-13	—	-13	-28	64	5	41
Heavy Gas Oils	856	-47	809	-141	-58	-108	-307
Residuum	60	-2	58	-301	—	132	-169
Motor Gasoline Blend.Comp. (MGBC)(net)	-17,396	50	-17,346	-36,182	-7,150	-11,705	-55,037
Reformulated - RBOB	-11,693	—	-11,693	-8,270	-425	-317	-9,012
Conventional	-5,703	50	-5,653	-27,912	-6,725	-11,388	-46,025
CBOB	-5,127	51	-5,076	-26,494	-6,728	-11,486	-44,708
GTAB	—	—	—	—	—	—	—
Other	-576	-1	-577	-1,418	3	98	-1,317
Aviation Gasoline Blend. Comp. (net)	—	—	—	—	—	—	—
Total Input to Refineries	17,357	3,107	20,464	40,006	9,446	14,118	63,570
Atmospheric Crude Oil Distillation							
Gross Input (daily average)	1,039	97	1,136	2,350	520	786	3,657
Operable Capacity (daily average)	1,174	98	1,273	2,551	491	850	3,892
Operable Utilization Rate (percent) ²	88.5	98.6	89.3	92.2	105.9	92.5	94.0
Downstream Processing							
Fresh Feed Input (daily average)							
Catalytic Reforming	155	17	172	438	78	148	664
Catalytic Cracking	410	15	425	750	140	202	1,092
Catalytic Hydrocracking	36	—	36	167	50	57	274
Delayed and Fluid Coking	63	—	63	343	61	87	491
Crude Oil Qualities							
Sulfur Content, Weighted Average (percent)	0.67	1.65	0.75	1.70	2.08	0.72	1.55
API Gravity, Weighted Average (degrees)	33.08	32.38	33.02	31.47	30.13	37.39	32.56
Operable Capacity (daily average)	1,174	98	1,273	2,551	491	850	3,892
Operating	1,142	98	1,241	2,529	491	850	3,870
Idle	32	—	32	22	—	—	22
Alaskan Crude Oil Receipts	—	—	—	—	—	—	—

See footnotes at end of table.

Table 30. Refinery Net Input of Crude Oil and Petroleum Products by PAD and Refining Districts, December 2015
(Thousand Barrels, Except Where Noted) — Continued

Commodity	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Crude Oil	21,005	138,481	108,580	7,197	3,637	278,900	18,615	73,215	519,726
Natural Gas Plant Liquids	532	4,690	5,355	182	180	10,939	727	2,530	18,057
Pentanes Plus	180	1,028	1,473	14	5	2,700	141	810	3,932
Liquefied Petroleum Gases	352	3,662	3,882	168	175	8,239	586	1,720	14,125
Normal Butane	133	1,844	2,290	105	—	4,372	301	1,197	7,560
Isobutane	219	1,818	1,592	63	175	3,867	285	523	6,565
Other Liquids	-9,057	-49,476	-39,595	-1,816	-1,480	-101,424	-4,573	-34,750	-209,570
Hydrogen/Oxygenates/Renewables/Other Hydrocarbons	254	2,548	1,993	119	93	5,007	531	1,610	9,141
Hydrogen	23	2,405	1,734	65	45	4,272	220	1,342	7,103
Oxygenates (excluding Fuel Ethanol)	—	88	—	—	—	88	—	—	88
Methyl Tertiary Butyl Ether (MTBE)	—	88	—	—	—	88	—	—	88
All Other Oxygenates ¹	—	—	—	—	—	—	—	—	—
Renewable Fuels (including Fuel Ethanol)	231	55	259	54	48	647	311	268	1,912
Fuel Ethanol	203	43	148	35	48	477	294	85	1,424
Renewable Diesel Fuel	28	12	111	19	—	170	17	183	488
Other Renewable Fuels	—	—	—	—	—	—	—	—	—
Other Hydrocarbons	—	—	—	—	—	—	—	—	38
Unfinished Oils (net)	-194	-33	5,614	109	211	5,707	-245	-2,972	4,057
Naphthas and Lighter	-32	-3,041	-1,461	20	112	-4,402	-35	-195	-3,484
Kerosene and Light Gas Oils	-142	-5,297	334	-25	44	-5,086	-337	-1,833	-7,228
Heavy Gas Oils	4	8,182	4,050	117	55	12,408	189	-1,252	11,847
Residuum	-24	123	2,691	-3	—	2,787	-62	308	2,922
Motor Gasoline Blend.Comp. (MGB)(net)	-9,116	-51,991	-47,203	-2,044	-1,784	-112,138	-4,859	-33,388	-222,768
Reformulated - RBOB	-966	-16,506	-3,255	—	-792	-21,519	—	-26,212	-68,436
Conventional	-8,150	-35,485	-43,948	-2,044	-992	-90,619	-4,859	-7,176	-154,332
CBOB	-7,754	-28,654	-40,044	-2,023	-879	-79,354	-4,701	-7,754	-141,593
GTAB	—	—	—	—	—	—	—	—	—
Other	-396	-6,831	-3,904	-21	-113	-11,265	-158	578	-12,739
Aviation Gasoline Blend. Comp. (net)	-1	—	1	—	—	0	—	—	0
Total Input to Refineries	12,480	93,695	74,340	5,563	2,337	188,415	14,769	40,995	328,213
Atmospheric Crude Oil Distillation									
Gross Input (daily average)	672	4,351	3,617	208	117	8,964	599	2,492	16,848
Operable Capacity (daily average)	698	4,688	3,681	243	128	9,437	651	2,933	18,186
Operable Utilization Rate (percent) ²	96.2	92.8	98.3	85.5	92.0	95.0	92.1	85.0	92.6
Downstream Processing									
Fresh Feed Input (daily average)									
Catalytic Reforming	137	701	564	35	26	1,463	97	417	2,812
Catalytic Cracking	179	1,422	1,072	19	35	2,727	172	475	4,892
Catalytic Hydrocracking	46	511	466	16	—	1,038	16	499	1,864
Delayed and Fluid Coking	30	827	578	26	—	1,460	68	455	2,537
Crude Oil Qualities									
Sulfur Content, Weighted Average (percent)	0.63	1.76	1.44	1.47	0.59	1.53	1.32	1.31	1.44
API Gravity, Weighted Average (degrees)	39.57	30.14	30.67	32.46	38.99	31.26	33.67	28.20	31.31
Operable Capacity (daily average)	698	4,688	3,681	243	128	9,437	651	2,933	18,186
Operating	698	4,688	3,681	243	128	9,437	647	2,849	18,044
Idle	—	—	—	—	—	—	4	85	142
Alaskan Crude Oil Receipts	—	—	—	—	—	—	—	15,201	15,201

— = No Data Reported.

NA = Not Available.

¹ Includes ethyl tertiary butyl ether (ETBE), tertiary amyl methyl ether (TAME), tertiary butyl alcohol (TBA), and other aliphatic alcohols and ethers intended for motor gasoline blending (e.g., isopropyl ether (IPE) or n-propanol).

² Represents gross input divided by operable calendar day capacity.

Note: Totals may not equal sum of components due to independent rounding.

Note: Refer to Appendix A for Refining District descriptions.

Source: Energy Information Administration (EIA) Form EIA-810, "Monthly Refinery Report."

Table 31. Refinery Net Production of Finished Petroleum Products by PAD and Refining Districts, December 2015
(Thousand Barrels)

Commodity	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Liquefied Refinery Gases	489	-53	436	1,255	-308	-213	734
Ethane/Ethylene	19	-	19	-	-	-	-
Ethane	-	-	-	-	-	-	-
Ethylene	19	-	19	-	-	-	-
Propane/Propylene	1,195	22	1,217	2,535	422	666	3,623
Propane	758	22	780	1,596	255	472	2,323
Propylene	437	-	437	939	167	194	1,300
Normal Butane/Butylene	-747	-53	-800	-1,268	-657	-799	-2,724
Normal Butane	-722	-53	-775	-1,266	-657	-794	-2,717
Butylene	-25	-	-25	-2	-	-5	-7
Isobutane/Isobutylene	22	-22	0	-12	-73	-80	-165
Isobutane	22	-22	0	-12	-73	-80	-165
Isobutylene	-	-	-	-	-	-	-
Finished Motor Gasoline	694	1,305	1,999	6,903	1,920	2,453	11,276
Reformulated	694	-	694	-	-	-	-
Reformulated Blended with Fuel Ethanol	694	-	694	-	-	-	-
Reformulated Other	-	-	-	-	-	-	-
Conventional	-	1,305	1,305	6,903	1,920	2,453	11,276
Conventional Blended with Fuel Ethanol	-	1,068	1,068	1,609	1,504	854	3,967
Ed55 and Lower	-	1,068	1,068	1,609	1,504	854	3,967
Greater than Ed55	-	-	-	-	-	-	-
Conventional Other	-	237	237	5,294	416	1,599	7,309
Finished Aviation Gasoline	-	-	-	-	31	-	31
Kerosene-Type Jet Fuel	2,942	-	2,942	5,962	889	721	7,572
Commercial	2,942	-	2,942	5,962	864	622	7,448
Military	-	-	-	-	25	99	124
Kerosene	122	-	122	342	-	5	347
Distillate Fuel Oil	9,940	751	10,691	18,016	5,050	9,716	32,782
15 ppm sulfur and under	8,619	703	9,322	17,932	4,985	9,724	32,641
Greater than 15 ppm to 500 ppm sulfur	13	25	38	-	39	19	58
Greater than 500 ppm sulfur	1,308	23	1,331	84	26	-27	83
Residual Fuel Oil	1,442	10	1,452	1,288	310	95	1,693
Less than 0.31 percent sulfur	279	10	289	-	-	-	-
0.31 to 1.00 percent sulfur	179	-	179	148	174	-	322
Greater than 1.00 percent sulfur	984	-	984	1,140	136	95	1,371
Petrochemical Feedstocks	105	-	105	924	-7	10	927
Naphtha for Petro. Feed. Use	105	-	105	739	-7	-	732
Other Oils for Petro. Feed. Use	-	-	-	185	-	10	195
Special Naphthas	-	20	20	38	-	17	55
Lubricants	112	237	349	-	-	279	279
Naphthenic	-	-	-	-	-	-	-
Paraffinic	112	237	349	-	-	279	279
Waxes	-	13	13	-	-	34	34
Petroleum Coke	1,202	19	1,221	4,160	800	906	5,866
Marketable	479	-	479	3,015	622	711	4,348
Catalyst	723	19	742	1,145	178	195	1,518
Asphalt and Road Oil	781	649	1,430	2,629	1,216	341	4,186
Still Gas	1,249	65	1,314	2,513	695	1,079	4,287
Miscellaneous Products	61	38	99	323	120	44	487
Fuel Use	-	-	-	-	-	-	-
Nonfuel Use	61	38	99	323	120	44	487
Total	19,139	3,054	22,193	44,353	10,716	15,487	70,556
Processing Gain(-) or Loss(+) ¹	-1,782	53	-1,729	-4,347	-1,270	-1,369	-6,986

See footnotes at end of table.

Table 31. Refinery Net Production of Finished Petroleum Products by PAD and Refining Districts, December 2015
(Thousand Barrels) — Continued

Commodity	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Liquefied Refinery Gases	45	3,959	5,044	5	-26	9,027	162	-116	10,243
Ethane/Ethylene	1	197	9	—	—	207	—	—	226
Ethane	1	184	9	—	—	194	—	—	194
Ethylene	—	13	—	—	—	13	—	—	32
Propane/Propylene	463	6,063	5,294	23	51	11,894	281	890	17,905
Propane	93	2,529	1,931	23	51	4,627	268	833	8,831
Propylene	370	3,534	3,363	—	—	7,267	13	57	9,074
Normal Butane/Butylene	-337	-1,863	-541	-18	-82	-2,841	-148	-1,027	-7,540
Normal Butane	-338	-1,350	-598	-18	-78	-2,382	-163	-1,028	-7,065
Butylene	1	-513	57	—	-4	-459	15	1	-475
Isobutane/Isobutylene	-82	-438	282	—	5	-233	29	21	-348
Isobutane	-82	-414	282	—	5	-209	29	21	-324
Isobutylene	—	-24	—	—	—	-24	—	—	-24
Finished Motor Gasoline	3,257	17,006	8,348	435	564	29,610	5,588	3,087	51,560
Reformulated	—	—	—	—	—	—	—	617	1,311
Reformulated Blended with Fuel Ethanol	—	—	—	—	—	—	—	617	1,311
Reformulated Other	—	—	—	—	—	—	—	—	—
Conventional	3,257	17,006	8,348	435	564	29,610	5,588	2,470	50,249
Conventional Blended with Fuel Ethanol	2,010	426	1,465	381	470	4,752	2,942	254	12,983
Ed55 and Lower	2,009	426	1,465	381	470	4,751	2,942	254	12,982
Greater than Ed55	1	—	—	—	—	1	—	—	1
Conventional Other	1,247	16,580	6,883	54	94	24,858	2,646	2,216	37,266
Finished Aviation Gasoline	58	66	139	—	—	263	1	—	295
Kerosene-Type Jet Fuel	1,205	13,392	13,077	126	—	27,800	994	13,453	52,761
Commercial	1,061	12,332	12,977	72	—	26,442	954	13,137	50,923
Military	144	1,060	100	54	—	1,358	40	316	1,838
Kerosene	1	-1	382	11	—	393	2	9	873
Distillate Fuel Oil	6,378	42,664	35,877	2,568	1,485	88,972	6,136	16,737	155,318
15 ppm sulfur and under	6,401	40,961	30,474	2,530	1,485	81,851	6,112	16,089	146,015
Greater than 15 ppm to 500 ppm sulfur	-23	806	2,054	51	—	2,888	11	203	3,198
Greater than 500 ppm sulfur	—	897	3,349	-13	—	4,233	13	445	6,105
Residual Fuel Oil	324	1,462	3,224	-46	91	5,055	364	3,001	11,565
Less than 0.31 percent sulfur	196	—	731	—	—	927	167	—	1,383
0.31 to 1.00 percent sulfur	—	162	281	-46	22	419	22	650	1,592
Greater than 1.00 percent sulfur	128	1,300	2,212	—	69	3,709	175	2,351	8,590
Petrochemical Feedstocks	111	6,119	2,413	—	—	8,643	—	5	9,680
Naphtha for Petro. Feed. Use	108	4,449	1,287	—	—	5,844	—	5	6,686
Other Oils for Petro. Feed. Use	3	1,670	1,126	—	—	2,799	—	—	2,994
Special Naphthas	68	568	—	200	—	836	—	44	955
Lubricants	42	1,911	1,798	946	—	4,697	—	652	5,977
Naphthenic	42	58	—	734	—	834	—	116	950
Paraffinic	—	1,853	1,798	212	—	3,863	—	536	5,027
Waxes	—	43	36	25	—	104	—	—	151
Petroleum Coke	470	9,213	6,566	143	45	16,437	796	4,064	28,384
Marketable	219	7,061	5,163	129	—	12,572	535	3,354	21,288
Catalyst	251	2,152	1,403	14	45	3,865	261	710	7,096
Asphalt and Road Oil	208	286	932	985	113	2,524	957	777	9,874
Still Gas	730	6,247	4,438	204	88	11,707	691	3,691	21,690
Miscellaneous Products	132	1,140	677	22	8	1,979	109	368	3,042
Fuel Use	—	—	—	—	—	—	1	26	27
Nonfuel Use	132	1,140	677	22	8	1,979	108	342	3,015
Total	13,029	104,075	82,951	5,624	2,368	208,047	15,800	45,772	362,368
Processing Gain(-) or Loss(+) ¹	-549	-10,380	-8,611	-61	-31	-19,632	-1,031	-4,777	-34,155

— = No Data Reported.

¹ Represents the arithmetic difference between input and production.

Note: Refer to Appendix A for Refining District descriptions.

Source: Energy Information Administration (EIA) Form EIA-810, "Monthly Refinery Report."

Table 32. Blender Net Inputs of Petroleum Products by PAD District, December 2015
(Thousand Barrels)

Commodity	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Natural Gas Plant Liquids and Liquefied							
Refinery Gases	736	6	742	169	66	453	688
Pentanes Plus	95	—	95	—	11	60	71
Liquefied Petroleum Gases	641	6	647	169	55	393	617
Normal Butane	641	6	647	169	55	393	617
Isobutane	—	—	—	—	—	—	—
Other Liquids	87,021	6,251	93,272	44,645	9,204	13,341	67,190
Oxygenates/Renewables	9,434	661	10,095	4,797	1,051	1,476	7,324
Oxygenates (excluding Fuel Ethanol)	—	—	—	—	—	—	—
Methyl Tertiary Butyl Ether (MTBE)	—	—	—	—	—	—	—
All Other Oxygenates ¹	—	—	—	—	—	—	—
Renewable Fuels (including Fuel Ethanol)	9,434	661	10,095	4,797	1,051	1,476	7,324
Fuel Ethanol	9,245	630	9,875	4,648	1,017	1,426	7,091
Renewable Diesel Fuel	189	31	220	149	34	50	233
Other Renewable Fuels	—	—	—	—	—	—	—
Unfinished Oils (net)	-8	-1	-9	59	—	—	59
Naphthas and Lighter	-9	—	-9	—	—	—	—
Kerosene and Light Gas Oils	1	-1	0	-68	—	—	-68
Heavy Gas Oils	—	—	—	—	—	—	—
Residium	—	—	—	127	—	—	127
Motor Gasoline Blend.Comp. (MGBC)(net)	77,595	5,591	83,186	39,789	8,153	11,865	59,807
Reformulated - RBOB	27,953	—	27,953	7,498	1,441	917	9,856
Conventional	49,642	5,591	55,233	32,291	6,712	10,948	49,951
CBOB	43,545	5,589	49,134	31,184	6,609	10,948	48,741
GTAB	1,694	—	1,694	—	—	—	—
Other	4,403	2	4,405	1,107	103	—	1,210
Aviation Gasoline Blend. Comp. (net)	—	—	—	—	—	—	—
Total Input	87,757	6,257	94,014	44,814	9,270	13,794	67,878

Commodity	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Natural Gas Plant Liquids and Liquefied									
Refinery Gases	51	296	151	35	—	533	108	2	2,073
Pentanes Plus	21	18	—	—	—	39	18	—	223
Liquefied Petroleum Gases	30	278	151	35	—	494	90	2	1,850
Normal Butane	30	278	151	35	—	494	90	2	1,850
Isobutane	—	—	—	—	—	—	—	—	—
Other Liquids	17,261	11,654	3,096	7,892	1,098	41,001	4,177	44,754	250,394
Oxygenates/Renewables	1,767	825	426	1,017	121	4,156	598	4,938	27,111
Oxygenates (excluding Fuel Ethanol)	—	—	—	—	—	—	—	—	—
Methyl Tertiary Butyl Ether (MTBE)	—	—	—	—	—	—	—	—	—
All Other Oxygenates ¹	—	—	—	—	—	—	—	—	—
Renewable Fuels (including Fuel Ethanol)	1,767	825	426	1,017	121	4,156	598	4,938	27,111
Fuel Ethanol	1,734	768	318	951	111	3,882	585	4,615	26,048
Renewable Diesel Fuel	33	57	108	66	10	274	13	323	1,063
Other Renewable Fuels	—	—	—	—	—	—	—	—	—
Unfinished Oils (net)	—	—	-29	—	—	-29	—	—	21
Naphthas and Lighter	—	—	—	—	—	—	—	—	-9
Kerosene and Light Gas Oils	—	—	-116	—	—	-116	—	—	-184
Heavy Gas Oils	—	—	87	—	—	87	—	—	87
Residium	—	—	—	—	—	—	—	—	127
Motor Gasoline Blend.Comp. (MGBC)(net)	15,494	10,829	2,699	6,875	977	36,874	3,579	39,816	223,262
Reformulated - RBOB	6,500	5,737	—	—	—	12,237	—	29,377	79,423
Conventional	8,994	5,092	2,699	6,875	977	24,637	3,579	10,439	143,839
CBOB	8,994	-719	1,868	6,830	977	17,950	3,570	10,154	129,549
GTAB	—	—	—	—	—	—	—	—	1,694
Other	—	5,811	831	45	—	6,687	9	285	12,596
Aviation Gasoline Blend. Comp. (net)	—	—	—	—	—	—	—	—	—
Total Input	17,312	11,950	3,247	7,927	1,098	41,534	4,285	44,756	252,467

— = No Data Reported.

¹ Includes ethyl tertiary butyl ether (ETBE), tertiary amyl methyl ether (TAME), tertiary butyl alcohol (TBA), and other aliphatic alcohols and ethers intended for motor gasoline blending (e.g., isopropyl ether (IPE) or n-propanol).

Note: Refer to Appendix A for Refining District descriptions.

Sources: Energy Information Administration (EIA) Form EIA-815, "Monthly Bulk Terminal and Blender Report."

Table 33. Blender Net Production of Petroleum Products by PAD District, December 2015
(Thousand Barrels)

Commodity	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Finished Motor Gasoline	87,577	6,225	93,802	44,584	9,237	13,743	67,564
Reformulated	38,387	—	38,387	8,753	1,602	1,037	11,392
Reformulated Blended with Fuel Ethanol	38,387	—	38,387	8,753	1,602	1,037	11,392
Reformulated Other	—	—	—	—	—	—	—
Conventional	49,190	6,225	55,415	35,831	7,635	12,706	56,172
Conventional Blended with Fuel Ethanol	52,907	6,311	59,218	37,346	8,513	13,063	58,922
Ed55 and Lower	52,894	6,311	59,205	37,342	8,499	13,035	58,876
Greater than Ed55	13	—	13	4	14	28	46
Conventional Other	-3,717	-86	-3,803	-1,515	-878	-357	-2,750
Finished Aviation Gasoline	—	—	—	—	—	—	—
Kerosene-Type Jet Fuel	—	—	—	-145	—	—	-145
Kerosene	6	—	6	—	1	—	1
Distillate Fuel Oil	143	30	173	244	32	51	327
15 ppm sulfur and under	-76	30	-46	244	32	51	327
Greater than 15 ppm to 500 ppm sulfur	162	67	229	—	—	94	94
Greater than 500 ppm sulfur	57	-67	-10	—	—	-94	-94
Residual Fuel Oil	29	—	29	—	—	46	46
Less than 0.31 percent sulfur	-20	—	-20	—	—	—	—
0.31 to 1.00 percent sulfur	-17	—	-17	—	—	—	—
Greater than 1.00 percent sulfur	66	—	66	—	—	46	46
Special Naphthas	—	—	—	—	—	—	—
Lubricants	—	—	—	—	—	—	—
Asphalt and Road Oil	—	—	—	128	—	-46	82
Miscellaneous Products	—	—	—	—	—	—	—
Total Production	87,755	6,255	94,010	44,811	9,270	13,794	67,875
Processing Gain(-) or Loss(+) ¹	2	2	4	3	0	0	3

Commodity	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Finished Motor Gasoline	17,280	11,892	3,168	7,864	1,087	41,291	4,270	44,444	251,371
Reformulated	7,242	6,409	—	—	—	13,651	—	32,834	96,264
Reformulated Blended with Fuel Ethanol	7,242	6,409	—	—	—	13,651	—	32,834	96,264
Reformulated Other	—	—	—	—	—	—	—	—	—
Conventional	10,038	5,483	3,168	7,864	1,087	27,640	4,270	11,610	155,107
Conventional Blended with Fuel Ethanol	10,239	1,279	3,177	9,407	1,128	25,230	5,831	13,068	162,269
Ed55 and Lower	10,239	1,279	3,177	9,401	1,128	25,224	5,828	13,062	162,195
Greater than Ed55	—	—	—	6	—	6	3	6	74
Conventional Other	-201	4,204	-9	-1,543	-41	2,410	-1,561	-1,458	-7,162
Finished Aviation Gasoline	—	—	—	—	—	—	—	-2	-2
Kerosene-Type Jet Fuel	—	30	16	—	—	46	39	-63	-123
Kerosene	—	-40	—	—	—	-40	—	27	-6
Distillate Fuel Oil	32	68	35	66	10	211	-26	359	1,044
15 ppm sulfur and under	32	40	35	66	10	183	-26	311	749
Greater than 15 ppm to 500 ppm sulfur	—	0	—	—	—	0	—	—	323
Greater than 500 ppm sulfur	—	28	—	—	—	28	—	48	-28
Residual Fuel Oil	—	0	28	—	—	28	—	—	103
Less than 0.31 percent sulfur	—	-91	—	—	—	-91	—	—	-111
0.31 to 1.00 percent sulfur	—	42	10	—	—	52	—	—	35
Greater than 1.00 percent sulfur	—	49	18	—	—	67	—	—	179
Special Naphthas	—	—	—	—	—	—	—	—	—
Lubricants	—	—	—	—	—	—	—	—	—
Asphalt and Road Oil	—	—	—	—	—	—	—	—	82
Miscellaneous Products	—	—	—	—	—	—	—	—	—
Total Production	17,312	11,950	3,247	7,930	1,097	41,536	4,283	44,765	252,469
Processing Gain(-) or Loss(+) ¹	0	0	0	-3	1	-2	2	-9	-2

— = No Data Reported.

¹ Represents the arithmetic difference between input and production.

Note: Refer to Appendix A for Refining District descriptions.

Sources: Energy Information Administration (EIA) Form EIA-815, "Monthly Bulk Terminal and Blender Report."

Table 34. Refinery Stocks of Crude Oil and Petroleum Products by PAD and Refining Districts, December 2015
(Thousand Barrels)

Commodity	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Crude Oil	11,877	694	12,571	10,455	2,405	2,134	14,994
Petroleum Products	16,501	2,146	18,647	30,624	7,381	11,832	49,837
Pentanes Plus	—	—	—	32	—	264	296
Liquefied Petroleum Gases	853	52	905	3,134	594	1,088	4,816
Ethane/Ethylene	—	—	—	—	—	—	—
Propane/Propylene	290	6	296	1,328	50	456	1,834
Normal Butane/Butylene	410	30	440	1,531	479	251	2,261
Isobutane/Isobutylene	153	16	169	275	65	381	721
Oxygenates/Renewable Fuels/Other Hydrocarbons	86	71	157	97	46	29	172
Oxygenates (excluding Fuel Ethanol)	—	—	—	—	—	—	—
Methyl Tertiary Butyl Ether (MTBE)	—	—	—	—	—	—	—
All Other Oxygenates ¹	—	—	—	—	—	—	—
Renewable Fuels (including Fuel Ethanol)	86	71	157	55	46	29	130
Fuel Ethanol	86	67	153	38	32	24	94
Renewable Diesel Fuel	—	4	4	17	14	5	36
Other Renewable Fuels	—	—	—	—	—	—	—
Other Hydrocarbons	—	—	—	42	—	—	42
Unfinished Oils	4,866	486	5,352	7,540	609	4,353	12,502
Naphthas and Lighter	1,230	332	1,562	1,971	158	984	3,113
Kerosene and Light Gas Oils	552	—	552	1,501	222	687	2,410
Heavy Gas Oils	1,997	149	2,146	2,713	229	2,153	5,095
Residuum	1,087	5	1,092	1,355	—	529	1,884
Motor Gasoline Blending Components (MGBC)	5,445	195	5,640	8,303	2,021	2,571	12,895
Reformulated - RBOB	1,641	—	1,641	1,345	40	—	1,385
Conventional	3,804	195	3,999	6,958	1,981	2,571	11,510
CBOB	557	162	719	2,592	1,194	1,700	5,486
GTAB	—	—	—	—	—	—	—
Other	3,247	33	3,280	4,366	787	871	6,024
Aviation Gasoline Blending Components	—	—	—	—	—	—	—
Finished Motor Gasoline	—	31	31	1,379	177	344	1,900
Reformulated	—	—	—	—	—	—	—
Reformulated Blended with Fuel Ethanol	—	—	—	—	—	—	—
Reformulated Other	—	—	—	—	—	—	—
Conventional	—	31	31	1,379	177	344	1,900
Conventional Blended with Fuel Ethanol	—	—	—	—	—	—	—
Ed55 and Lower	—	—	—	—	—	—	—
Greater than Ed55	—	—	—	—	—	—	—
Conventional Other	—	31	31	1,379	177	344	1,900
Finished Aviation Gasoline	—	—	—	—	87	—	87
Kerosene-Type Jet Fuel	425	—	425	1,472	296	279	2,047
Kerosene	122	2	124	170	—	19	189
Distillate Fuel Oil	3,100	262	3,362	3,554	1,324	1,695	6,573
15 ppm sulfur and under	2,083	103	2,186	3,374	1,102	1,558	6,034
Greater than 15 ppm to 500 ppm sulfur	67	137	204	—	118	58	176
Greater than 500 ppm sulfur	950	22	972	180	104	79	363
Residual Fuel Oil	643	13	656	798	181	58	1,037
Less than 0.31 percent sulfur	137	11	148	—	—	—	—
0.31 to 1.00 percent sulfur	26	2	28	66	42	—	108
Greater than 1.00 percent sulfur	480	—	480	732	139	58	929
Petrochemical Feedstocks	151	—	151	655	96	4	755
Naphtha for Petro. Feed. Use	151	—	151	492	96	4	592
Other Oils for Petro. Feed. Use	—	—	—	163	—	—	163
Special Naphthas	—	13	13	59	—	17	76
Lubricants	307	365	672	—	—	244	244
Waxes	—	301	301	—	—	42	42
Petroleum Coke	—	—	—	644	361	191	1,196
Marketable	—	—	—	644	361	191	1,196
Catalyst	—	—	—	—	—	—	—
Asphalt and Road Oil	492	329	821	2,702	1,561	630	4,893
Miscellaneous Products	11	26	37	85	28	4	117
Total Stocks, All Oils	28,378	2,840	31,218	41,079	9,786	13,966	64,831

See footnotes at end of table.

Table 34. Refinery Stocks of Crude Oil and Petroleum Products by PAD and Refining Districts, December 2015
(Thousand Barrels) — Continued

Commodity	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Crude Oil	1,806	27,038	17,993	1,182	339	48,358	2,224	22,658	100,805
Petroleum Products	8,851	54,833	47,542	4,551	1,411	117,188	11,814	50,799	248,285
Pentanes Plus	50	52	279	—	16	397	24	1	718
Liquefied Petroleum Gases	1,896	1,378	3,415	10	40	6,739	407	1,462	14,329
Ethane/Ethylene	82	4	—	—	—	86	—	—	86
Propane/Propylene	956	84	783	3	2	1,828	44	105	4,107
Normal Butane/Butylene	729	1,066	1,979	1	21	3,796	220	924	7,641
Isobutane/Isobutylene	129	224	653	6	17	1,029	143	433	2,495
Oxygenates/Renewable Fuels/Other Hydrocarbons	38	158	131	73	5	405	96	195	1,025
Oxygenates (excluding Fuel Ethanol)	—	104	—	—	—	104	—	—	104
Methyl Tertiary Butyl Ether (MTBE)	—	104	—	—	—	104	—	—	104
All Other Oxygenates ¹	—	—	—	—	—	—	—	—	—
Renewable Fuels (including Fuel Ethanol)	38	54	131	73	5	301	96	195	879
Fuel Ethanol	31	24	61	29	5	150	87	44	528
Renewable Diesel Fuel	7	30	70	44	—	151	9	151	351
Other Renewable Fuels	—	—	—	—	—	—	—	—	—
Other Hydrocarbons	—	—	—	—	—	—	—	—	42
Unfinished Oils	2,006	18,891	13,846	884	508	36,135	3,514	20,272	77,775
Naphthas and Lighter	540	5,326	2,714	204	155	8,939	782	3,019	17,415
Kerosene and Light Gas Oils	728	3,339	1,902	234	169	6,372	725	3,937	13,996
Heavy Gas Oils	300	7,811	7,175	422	184	15,892	1,524	10,943	35,600
Residuum	438	2,415	2,055	24	—	4,932	483	2,373	10,764
Motor Gasoline Blending Components (MGBC)	2,371	12,892	13,169	377	324	29,133	3,075	13,334	64,077
Reformulated - RBOB	145	1,179	241	—	—	1,565	—	5,385	9,976
Conventional	2,226	11,713	12,928	377	324	27,568	3,075	7,949	54,101
CBOB	1,046	3,828	6,461	207	78	11,620	1,466	1,757	21,048
GTAB	—	—	—	—	—	—	—	—	—
Other	1,180	7,885	6,467	170	246	15,948	1,609	6,192	33,053
Aviation Gasoline Blending Components	8	—	—	—	—	8	—	—	8
Finished Motor Gasoline	307	1,829	1,364	2	73	3,575	1,100	781	7,387
Reformulated	—	—	—	—	—	—	—	14	14
Reformulated Blended with Fuel Ethanol	—	—	—	—	—	—	—	14	14
Reformulated Other	—	—	—	—	—	—	—	—	—
Conventional	307	1,829	1,364	2	73	3,575	1,100	767	7,373
Conventional Blended with Fuel Ethanol	—	—	—	—	—	—	34	—	34
Ed55 and Lower	—	—	—	—	—	—	34	—	34
Greater than Ed55	—	—	—	—	—	—	—	—	—
Conventional Other	307	1,829	1,364	2	73	3,575	1,066	767	7,339
Finished Aviation Gasoline	51	140	124	—	—	315	6	114	522
Kerosene-Type Jet Fuel	362	2,695	2,491	95	—	5,643	300	3,485	11,900
Kerosene	73	6	100	5	—	184	2	18	517
Distillate Fuel Oil	743	5,553	6,581	589	150	13,616	2,105	5,635	31,291
15 ppm sulfur and under	697	4,970	5,208	452	150	11,477	1,863	4,765	26,325
Greater than 15 ppm to 500 ppm sulfur	15	83	548	30	—	676	156	326	1,538
Greater than 500 ppm sulfur	31	500	825	107	—	1,463	86	544	3,428
Residual Fuel Oil	78	2,165	1,380	31	64	3,718	238	2,606	8,255
Less than 0.31 percent sulfur	10	—	187	—	—	197	7	88	440
0.31 to 1.00 percent sulfur	—	147	64	31	4	246	7	573	962
Greater than 1.00 percent sulfur	68	2,018	1,129	—	60	3,275	224	1,945	6,853
Petrochemical Feedstocks	139	1,611	601	1	—	2,352	—	2	3,260
Naphtha for Petro. Feed. Use	35	935	360	1	—	1,331	—	2	2,076
Other Oils for Petro. Feed. Use	104	676	241	—	—	1,021	—	—	1,184
Special Naphthas	86	639	—	98	—	823	—	62	974
Lubricants	51	3,578	2,295	1,075	—	6,999	—	808	8,723
Waxes	—	72	108	50	—	230	—	—	573
Petroleum Coke	38	2,767	757	—	—	3,562	93	1,202	6,053
Marketable	38	2,767	757	—	—	3,562	93	1,202	6,053
Catalyst	—	—	—	—	—	—	—	—	—
Asphalt and Road Oil	413	157	761	1,260	229	2,820	836	757	10,127
Miscellaneous Products	141	250	140	1	2	534	18	65	771
Total Stocks, All Oils	10,657	81,871	65,535	5,733	1,750	165,546	14,038	73,457	349,090

— = No Data Reported.

¹ Includes ethyl tertiary butyl ether (ETBE), tertiary amyl methyl ether (TAME), tertiary butyl alcohol (TBA), and other aliphatic alcohols and ethers intended for motor gasoline blending (e.g., isopropyl ether (IPE) or n-propanol).

Note: Refer to Appendix A for Refining District descriptions.

Source: Energy Information Administration (EIA) Form EIA-810, "Monthly Refinery Report."

Table 35. Percent Yield of Petroleum Products by PAD and Refining Districts, December 2015

Commodity	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Liquefied Refinery Gases	1.5	-1.8	1.2	1.7	-1.9	-0.9	0.6
Finished Motor Gasoline ¹	50.7	38.5	49.8	54.8	52.9	53.2	54.2
Finished Aviation Gasoline ²	—	—	—	—	0.2	—	0.0
Kerosene-Type Jet Fuel	8.7	—	8.0	8.2	5.6	2.9	6.7
Kerosene	0.4	—	0.3	0.5	—	0.0	0.3
Distillate Fuel Oil	29.4	25.5	29.1	24.6	31.6	39.0	28.7
Residual Fuel Oil	4.3	0.3	4.0	1.8	1.9	0.4	1.5
Naphtha for Petro. Feed. Use	0.3	—	0.3	1.0	0.0	—	0.6
Other Oils for Petro. Feed. Use	—	—	—	0.3	—	0.0	0.2
Special Naphthas	—	0.7	0.1	0.1	—	0.1	0.1
Lubricants	0.3	8.1	1.0	—	—	1.1	0.3
Waxes	—	0.5	0.0	—	—	0.1	0.0
Petroleum Coke	3.6	0.7	3.3	5.7	5.0	3.6	5.2
Asphalt and Road Oil	2.3	22.3	3.9	3.6	7.6	1.4	3.7
Still Gas	3.7	2.2	3.6	3.4	4.4	4.3	3.8
Miscellaneous Products	0.2	1.3	0.3	0.4	0.8	0.2	0.4
Processing Gain(-) or Loss(+) ³	-5.3	1.9	-4.7	-6.0	-8.0	-5.5	-6.1

Commodity	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Liquefied Refinery Gases	0.2	2.9	4.4	0.1	-0.7	3.2	0.9	-0.2	2.0
Finished Motor Gasoline ¹	55.8	44.6	42.3	30.1	53.9	44.3	50.1	46.3	47.3
Finished Aviation Gasoline ²	0.3	0.1	0.1	—	—	0.1	0.0	—	0.1
Kerosene-Type Jet Fuel	5.8	9.7	11.5	1.7	—	9.8	5.4	19.2	10.1
Kerosene	0.0	0.0	0.3	0.2	—	0.1	0.0	0.0	0.2
Distillate Fuel Oil	30.5	30.8	31.3	34.9	38.6	31.2	33.3	23.6	29.6
Residual Fuel Oil	1.6	1.1	2.8	-0.6	2.4	1.8	2.0	4.3	2.2
Naphtha for Petro. Feed. Use	0.5	3.2	1.1	—	—	2.1	—	0.0	1.3
Other Oils for Petro. Feed. Use	0.0	1.2	1.0	—	—	1.0	—	—	0.6
Special Naphthas	0.3	0.4	—	2.7	—	0.3	—	0.1	0.2
Lubricants	0.2	1.4	1.6	13.0	—	1.7	—	0.9	1.1
Waxes	—	0.0	0.0	0.3	—	0.0	—	—	0.0
Petroleum Coke	2.3	6.7	5.8	2.0	1.2	5.8	4.3	5.8	5.4
Asphalt and Road Oil	1.0	0.2	0.8	13.5	2.9	0.9	5.2	1.1	1.9
Still Gas	3.5	4.5	3.9	2.8	2.3	4.1	3.8	5.3	4.1
Miscellaneous Products	0.6	0.8	0.6	0.0	0.0	0.7	0.6	0.5	0.6
Processing Gain(-) or Loss(+) ³	-2.6	-7.5	-7.5	-0.9	-0.8	-6.9	-5.6	-6.8	-6.5

— = No Data Reported.

¹ Based on total finished motor gasoline output minus net input of motor gasoline blending components, minus input of natural gas plant liquids, hydrogen, other hydrocarbons and oxygenates.

² Based on finished aviation gasoline output minus net input of aviation gasoline blending components.

³ Represents the arithmetic difference between input and production.

Note: Percent yield is based on crude oil input and net reruns of unfinished oils

Note: Totals may not equal sum of components due to independent rounding.

Note: Refer to Appendix A for Refining District descriptions.

Source: Calculated from data on Tables 30 and 31.

Table 36. Imports of Residual Fuel Oil by Sulfur Content and by PAD District and State of Entry, December 2015
(Thousand Barrels)

PAD District and State of Entry	Residual Fuel Oil			
	Less than 0.31 % sulfur	0.31 to 1.00 % sulfur	Greater than 1.00 % sulfur	Total
PAD District 1	759	628	1,787	3,174
Connecticut	—	—	—	—
Delaware	—	—	85	85
Florida	—	—	836	836
Georgia	—	—	—	—
Maine	—	—	—	—
Maryland	—	—	—	—
Massachusetts	—	—	—	—
New Hampshire	—	—	—	—
New Jersey	759	304	649	1,712
New York	—	322	—	322
North Carolina	—	—	—	—
Pennsylvania	—	—	216	216
Rhode Island	—	—	—	—
South Carolina	—	—	—	—
Vermont	—	2	1	3
Virginia	—	—	—	—
West Virginia	—	—	—	—
PAD District 2	—	46	100	146
Illinois	—	—	—	—
Indiana	—	—	—	—
Michigan	—	—	66	66
Minnesota	—	32	34	66
North Dakota	—	14	—	14
Ohio	—	—	—	—
Wisconsin	—	—	—	—
PAD District 3	146	—	1,382	1,528
Alabama	—	—	—	—
Louisiana	—	—	—	—
Mississippi	—	—	—	—
New Mexico	—	—	—	—
Texas	146	—	1,382	1,528
PAD District 4	—	—	—	—
Idaho	—	—	—	—
Montana	—	—	—	—
PAD District 5	91	11	1,892	1,994
Alaska	—	—	—	—
California	—	—	1,215	1,215
Hawaii	—	—	80	80
Oregon	—	—	—	—
Washington	91	11	597	699
U.S. Total	996	685	5,161	6,842

— = No Data Reported.

Source: Energy Information Administration (EIA) Form EIA-814, "Monthly Imports Report."

Table 37. Imports of Crude Oil and Petroleum Products by PAD District, December 2015
(Thousand Barrels, Except Where Noted)

Commodity	PAD Districts					U.S. Total	
	1	2	3	4	5	Total	Daily Average
Crude Oil^{1,2}	22,763	73,575	107,941	8,401	32,235	244,915	7,900
Natural Gas Plant Liquids and Liquefied Refinery Gases	1,822	2,364	368	670	356	5,580	180
Pentanes Plus	—	3	315	—	—	318	10
Liquefied Petroleum Gases	1,822	2,361	53	670	356	5,262	170
Ethane	—	—	—	—	—	—	—
Ethylene	—	—	—	—	—	—	—
Propane	1,285	1,576	—	647	345	3,853	124
Propylene	286	321	—	—	1	608	20
Normal Butane	84	113	—	4	7	208	7
Butylene	—	74	53	—	—	127	4
Isobutane	167	277	—	19	3	466	15
Isobutylene	—	—	—	—	—	—	—
Other Liquids	14,990	356	12,941	17	2,020	30,324	978
Hydrogen/Oxygenates/Renewables/Other Hydrocarbons	769	9	482	5	594	1,859	60
Hydrogen	—	—	—	—	—	—	—
Oxygenates (excluding Fuel Ethanol)	—	—	44	—	—	44	1
Methyl Tertiary Butyl Ether (MTBE)	—	—	44	—	—	44	1
Other Oxygenates ³	—	—	—	—	—	—	—
Renewable Fuels (including Fuel Ethanol)	769	—	421	5	594	1,789	58
Fuel Ethanol	5	—	—	—	223	228	7
Biomass-Based Diesel Fuel	630	—	421	5	22	1,078	35
Other Renewable Diesel Fuel	134	—	—	—	349	483	16
Other Renewable Fuels	—	—	—	—	—	—	—
Other Hydrocarbons	—	9	17	—	—	26	1
Unfinished Oils ¹	737	—	12,309	—	192	13,238	427
Naphthas and Lighter	—	—	—	—	—	—	—
Kerosene and Lighter Gas Oils	—	—	—	—	—	—	—
Heavy Gas Oils	245	—	9,332	—	192	9,769	315
Residuum	492	—	2,977	—	—	3,469	112
Motor Gasoline Blend.Comp. (MGBC)	13,484	347	150	12	1,234	15,227	491
Reformulated - RBOB	6,764	—	—	—	—	6,764	218
Conventional	6,720	347	150	12	1,234	8,463	273
CBOB	1,140	—	—	—	969	2,109	68
GTAB	1,440	—	—	—	—	1,440	46
Other	4,140	347	150	12	265	4,914	159
Aviation Gasoline Blend. Comp.	—	—	—	—	—	—	—
Finished Petroleum Products	11,779	760	3,787	60	4,312	20,698	668
Finished Motor Gasoline	2,448	—	59	—	90	2,597	84
Reformulated	—	—	—	—	—	—	—
Reformulated Blended with Fuel Ethanol	—	—	—	—	—	—	—
Reformulated Other	—	—	—	—	—	—	—
Conventional	2,448	—	59	—	90	2,597	84
Conventional Blended with Fuel Ethanol	—	—	—	—	—	—	—
Ed55 and Lower	—	—	—	—	—	—	—
Greater than Ed55	—	—	—	—	—	—	—
Conventional Other	2,448	—	59	—	90	2,597	84
Finished Aviation Gasoline	1	—	—	—	—	1	0
Kerosene-Type Jet Fuel	1,394	—	—	—	1,961	3,355	108
Bonded Aircraft Fuel	1	—	—	—	310	311	10
Other	1,393	—	—	—	1,651	3,044	98
Kerosene	258	—	—	—	—	258	8
Distillate Fuel Oil	4,027	59	601	1	109	4,797	155
15 ppm sulfur and under	2,733	38	—	1	73	2,845	92
Bonded	—	—	—	—	—	—	—
Other	2,733	38	—	1	73	2,845	92
Greater than 15 ppm to 500 ppm sulfur	38	—	—	—	—	38	1
Bonded	—	—	—	—	—	—	—
Other	38	—	—	—	—	38	1
Greater than 500 ppm to 2000 ppm sulfur	1,256	—	601	—	36	1,893	61
Bonded	—	—	—	—	—	—	—
Other	1,256	—	601	—	36	1,893	61
Greater than 2000 ppm	—	21	—	—	—	21	1
Bonded	—	—	—	—	—	—	—
Other	—	21	—	—	—	21	1
Residual Fuel Oil	3,174	146	1,528	—	1,994	6,842	221
Less than 0.31 percent sulfur	759	—	146	—	91	996	32
0.31 to 1.00 percent sulfur	628	46	—	—	11	685	22
Greater than 1.00 percent sulfur	1,787	100	1,382	—	1,892	5,161	166
Petrochemical Feedstocks	3	132	987	—	34	1,156	37
Naphtha for Petro. Feed. Use	1	81	907	—	34	1,023	33
Other Oils for Petro. Feed. Use	2	51	80	—	—	133	4
Special Naphthas	—	39	273	—	—	312	10
Lubricants	168	187	295	—	11	661	21
Waxes	57	7	20	—	15	99	3
Petroleum Coke (Marketable)	1	6	24	—	—	31	1
Asphalt and Road Oil	248	184	—	57	98	587	19
Miscellaneous Products	—	—	—	2	—	2	0
Total	51,354	77,055	125,037	9,148	38,923	301,517	9,726

— = No Data Reported.

¹ Crude oil and unfinished oils are reported by the PAD District in which they are to be processed; all other products are reported by the PAD District of entry.

² Includes crude oil imported for storage in the Strategic Petroleum Reserve.

³ Includes ethyl tertiary butyl ether (ETBE), tertiary amyl methyl ether (TAME), tertiary butyl alcohol (TBA), and other aliphatic alcohols and ethers intended for motor gasoline blending (e.g., isopropyl ether (IPE) or n-propanol).

Note: Totals may not equal sum of components due to independent rounding.

Source: Energy Information Administration (EIA) Form EIA-814, "Monthly Imports Report."

Table 38. Year-to-Date Imports of Crude Oil and Petroleum Products by PAD District, January-December 2015
(Thousand Barrels)

Commodity	PAD Districts					U.S. Total	
	1	2	3	4	5	Total	Daily Average
Crude Oil^{1,2}	239,627	769,198	1,158,483	103,991	411,647	2,682,946	7,351
Natural Gas Plant Liquids and Liquefied Refinery Gases	16,761	25,611	4,588	3,561	2,042	52,563	144
Pentanes Plus	9	45	3,955	—	18	4,027	11
Liquefied Petroleum Gases	16,752	25,566	633	3,561	2,024	48,536	133
Ethane	—	—	—	—	—	—	—
Ethylene	—	36	—	—	—	36	0
Propane	11,939	16,610	47	3,343	1,984	33,923	93
Propylene	2,954	4,030	—	—	1	6,985	19
Normal Butane	540	1,769	—	23	34	2,366	6
Butylene	—	859	586	—	—	1,445	4
Isobutane	1,319	2,262	—	195	5	3,781	10
Isobutylene	—	—	—	—	—	—	—
Other Liquids	214,091	5,326	168,988	539	41,509	430,453	1,179
Hydrogen/Oxygenates/Renewables/Other Hydrocarbons	5,673	707	4,679	29	5,937	17,025	47
Hydrogen	—	—	—	—	—	—	—
Oxygenates (excluding Fuel Ethanol)	—	—	1,314	—	—	1,314	4
Methyl Tertiary Butyl Ether (MTBE)	—	—	1,314	—	—	1,314	4
Other Oxygenates ³	—	—	—	—	—	—	—
Renewable Fuels (including Fuel Ethanol)	5,672	58	3,289	29	5,937	14,985	41
Fuel Ethanol	981	—	143	—	1,055	2,179	6
Biomass-Based Diesel Fuel	4,149	58	2,703	29	1,018	7,957	22
Other Renewable Diesel Fuel	542	—	443	—	3,864	4,849	13
Other Renewable Fuels	—	—	—	—	—	—	—
Other Hydrocarbons	1	649	76	—	—	726	2
Unfinished Oils ¹	18,999	1,593	159,651	—	17,057	197,300	541
Naphthas and Lighter	793	—	1,926	—	—	2,719	7
Kerosene and Lighter Gas Oils	—	—	—	—	—	—	—
Heavy Gas Oils	8,432	1,154	108,186	—	16,443	134,215	368
Residuum	9,774	439	49,539	—	614	60,366	165
Motor Gasoline Blend.Comp. (MGBC)	189,419	3,026	4,658	510	18,515	216,128	592
Reformulated - RBOB	60,781	—	—	—	2,074	62,855	172
Conventional	128,638	3,026	4,658	510	16,441	153,273	420
CBOB	15,126	92	1	—	6,432	21,651	59
GTAB	38,811	—	415	—	412	39,638	109
Other	74,701	2,934	4,242	510	9,597	91,984	252
Aviation Gasoline Blend. Comp.	—	—	—	—	—	—	—
Finished Petroleum Products	157,095	10,219	48,533	915	48,486	265,248	727
Finished Motor Gasoline	22,680	44	944	24	2,349	26,041	71
Reformulated	—	—	—	—	—	—	—
Reformulated Blended with Fuel Ethanol	—	—	—	—	—	—	—
Reformulated Other	—	—	—	—	—	—	—
Conventional	22,680	44	944	24	2,349	26,041	71
Conventional Blended with Fuel Ethanol	—	—	—	—	—	—	—
Ed55 and Lower	—	—	—	—	—	—	—
Greater than Ed55	—	—	—	—	—	—	—
Conventional Other	22,680	44	944	24	2,349	26,041	71
Finished Aviation Gasoline	12	5	—	8	—	25	0
Kerosene-Type Jet Fuel	25,513	8	—	—	21,690	47,211	129
Bonded Aircraft Fuel	12	—	—	—	6,136	6,148	17
Other	25,501	8	—	—	15,554	41,063	113
Kerosene	1,593	—	—	—	—	1,593	4
Distillate Fuel Oil	61,908	1,459	3,915	259	5,446	72,987	200
15 ppm sulfur and under	44,367	1,016	135	220	4,227	49,965	137
Bonded	—	—	—	—	90	90	0
Other	44,367	1,016	135	220	4,137	49,875	137
Greater than 15 ppm to 500 ppm sulfur	4,343	20	—	20	4	4,387	12
Bonded	—	—	—	—	—	—	—
Other	4,343	20	—	20	4	4,387	12
Greater than 500 ppm to 2000 ppm sulfur	13,198	285	3,780	19	1,215	18,497	51
Bonded	—	—	—	—	—	—	—
Other	13,198	285	3,780	19	1,215	18,497	51
Greater than 2000 ppm	—	138	—	—	—	138	0
Bonded	—	—	—	—	—	—	—
Other	—	138	—	—	—	138	0
Residual Fuel Oil	33,789	1,434	16,412	163	16,467	68,265	187
Less than 0.31 percent sulfur	2,935	17	2,437	—	276	5,665	16
0.31 to 1.00 percent sulfur	6,583	1,004	3,219	163	729	11,698	32
Greater than 1.00 percent sulfur	24,271	413	10,756	—	15,462	50,902	139
Petrochemical Feedstocks	228	1,393	12,125	—	449	14,195	39
Naphtha for Petro. Feed. Use	199	881	10,385	—	449	11,914	33
Other Oils for Petro. Feed. Use	29	512	1,740	—	—	2,281	6
Special Naphthas	—	442	5,072	—	—	5,514	15
Lubricants	1,942	2,426	7,828	—	229	12,425	34
Waxes	1,095	80	395	—	390	1,960	5
Petroleum Coke (Marketable)	1,438	210	1,842	—	347	3,837	11
Asphalt and Road Oil	6,897	2,717	—	446	1,119	11,179	31
Miscellaneous Products	—	1	—	15	—	16	0
Total	627,574	810,354	1,380,592	109,006	503,684	3,431,210	9,401

— = No Data Reported.

¹ Crude oil and unfinished oils are reported by the PAD District in which they are to be processed; all other products are reported by the PAD District of entry.

² Includes crude oil imported for storage in the Strategic Petroleum Reserve.

³ Includes ethyl tertiary butyl ether (ETBE), tertiary amyl methyl ether (TAME), tertiary butyl alcohol (TBA), and other aliphatic alcohols and ethers intended for motor gasoline blending (e.g., isopropyl ether (IPE) or n-propanol).

Note: Totals may not equal sum of components due to independent rounding.

Source: Energy Information Administration (EIA) Form EIA-814, "Monthly Imports Report."

Table 39. Imports of Crude Oil and Petroleum Products into the United States by Country of Origin, December 2015
(Thousand Barrels)

Country of Origin	Crude Oil ^{1,2}	Pentanes Plus	Liquefied Petroleum Gases	Unfinished Oils ¹	Finished Motor Gasoline			Motor Gasoline Blending Components		
					Reform-ulated	Conven-tional	Total	Reform-ulated	Conven-tional	Total
OPEC	95,282	—	—	3,175	—	83	83	—	1,278	1,278
Algeria	—	—	—	2,282	—	—	—	—	—	—
Angola	4,761	—	—	376	—	—	—	—	—	—
Ecuador	6,097	—	—	—	—	—	—	—	—	—
Iran	—	—	—	—	—	—	—	—	—	—
Iraq	13,844	—	—	—	—	—	—	—	—	—
Kuwait	5,972	—	—	—	—	—	—	—	—	—
Libya	—	—	—	208	—	—	—	—	—	—
Nigeria	3,882	—	—	—	—	83	83	—	545	545
Qatar	—	—	—	—	—	—	—	—	—	—
Saudi Arabia	34,680	—	—	—	—	—	—	—	—	—
United Arab Emirates	—	—	—	309	—	—	—	—	—	—
Venezuela	26,046	—	—	—	—	—	—	—	733	733
Non-OPEC	149,633	318	5,262	10,063	—	2,514	2,514	6,764	7,185	13,949
Argentina	839	—	54	—	—	—	—	—	220	220
Aruba	—	—	—	—	—	—	—	—	—	—
Australia	101	—	—	—	—	—	—	—	—	—
Bahamas	—	—	—	—	—	49	49	—	—	—
Bahrain	—	—	—	—	—	—	—	—	—	—
Belgium	—	—	—	1,986	—	—	—	321	147	468
Brazil	5,994	—	18	—	—	59	59	—	41	41
Brunei	—	—	—	—	—	—	—	—	—	—
Cameroon	—	—	—	—	—	—	—	—	—	—
Canada	105,875	3	5,155	630	—	1,084	1,084	2,852	1,525	4,377
Chad	949	—	—	—	—	—	—	—	—	—
China	—	—	—	—	—	—	—	—	—	—
Colombia	9,939	—	—	636	—	—	—	—	252	252
Congo (Brazzaville)	—	—	—	—	—	—	—	—	—	—
Denmark	—	—	—	—	—	—	—	—	—	—
Egypt	—	—	—	—	—	—	—	—	—	—
Equatorial Guinea	—	—	—	—	—	—	—	—	—	—
Estonia	—	—	—	—	—	—	—	238	—	238
Finland	—	—	—	—	—	—	—	—	—	—
France	—	—	—	1,522	—	—	—	822	—	822
Gabon	668	—	—	—	—	—	—	—	—	—
Germany	—	—	—	1	—	—	—	—	—	—
Guatemala	259	—	—	—	—	—	—	—	—	—
India	—	—	—	—	—	—	—	—	571	571
Indonesia	1,348	—	—	—	—	—	—	—	—	—
Italy	—	—	—	195	—	—	—	—	—	—
Korea, South	—	—	—	—	—	—	—	—	—	—
Latvia	—	—	—	—	—	—	—	—	—	—
Lithuania	—	—	—	—	—	—	—	65	—	65
Malaysia	—	—	—	—	—	—	—	—	—	—
Mexico	21,906	—	35	—	—	—	—	—	75	75
Netherlands	—	—	—	158	—	329	329	324	15	339
Netherlands Antilles	—	—	—	—	—	—	—	—	—	—
Norway	—	—	—	379	—	318	318	524	—	524
Oman	—	—	—	—	—	—	—	—	—	—
Portugal	—	—	—	—	—	—	—	—	566	566
Russia	1,466	—	—	3,943	—	—	—	22	475	497
Spain	—	—	—	—	—	—	—	—	1,402	1,402
Sweden	—	—	—	—	—	—	—	2	—	2
Syria	—	—	—	—	—	—	—	—	—	—
Trinidad and Tobago	6	—	—	—	—	—	—	—	—	—
United Kingdom	—	—	—	—	—	675	675	1,594	1,177	2,771
Vietnam	—	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S.	—	—	—	—	—	—	—	—	—	—
Yemen	—	—	—	—	—	—	—	—	—	—
Other	283	315	0	613	—	0	0	0	719	719
Total	244,915	318	5,262	13,238	—	2,597	2,597	6,764	8,463	15,227
Persian Gulf³	54,496	—	—	309	—	—	—	—	—	—

See footnotes at end of table.

Table 39. Imports of Crude Oil and Petroleum Products into the United States by Country of Origin, December 2015
(Thousand Barrels) — Continued

Country of Origin	Oxygenates		Renewable Fuels				Distillate Fuel Oil				Total
	Methyl Tertiary Butyl Ether (MTBE)	Other Oxygenates	Fuel Ethanol	Biomass-Based Diesel	Other Renewable Diesel	Other Renewable Fuels	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	501 to 2000 ppm	Greater than 2000 ppm	
OPEC	—	—	—	—	—	—	310	—	—	—	310
Algeria	—	—	—	—	—	—	—	—	—	—	—
Angola	—	—	—	—	—	—	—	—	—	—	—
Ecuador	—	—	—	—	—	—	—	—	—	—	—
Iran	—	—	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	—	—	—	—	—	—
Kuwait	—	—	—	—	—	—	—	—	—	—	—
Libya	—	—	—	—	—	—	—	—	—	—	—
Nigeria	—	—	—	—	—	—	310	—	—	—	310
Qatar	—	—	—	—	—	—	—	—	—	—	—
Saudi Arabia	—	—	—	—	—	—	—	—	—	—	—
United Arab Emirates	—	—	—	—	—	—	—	—	—	—	—
Venezuela	—	—	—	—	—	—	—	—	—	—	—
Non-OPEC	44	—	228	1,078	483	—	2,535	38	1,893	21	4,487
Argentina	44	—	—	904	—	—	—	—	—	—	—
Aruba	—	—	—	—	—	—	—	—	—	—	—
Australia	—	—	—	—	—	—	—	—	—	—	—
Bahamas	—	—	—	—	—	—	—	—	—	—	—
Bahrain	—	—	—	—	—	—	—	—	—	—	—
Belgium	—	—	—	—	—	—	—	—	—	—	—
Brazil	—	—	223	—	—	—	—	—	—	—	—
Brunei	—	—	—	—	—	—	—	—	—	—	—
Cameroon	—	—	—	—	—	—	—	—	—	—	—
Canada	—	—	5	61	—	—	2,535	38	1,397	21	3,991
Chad	—	—	—	—	—	—	—	—	—	—	—
China	—	—	—	—	—	—	—	—	—	—	—
Colombia	—	—	—	—	—	—	—	—	234	—	234
Congo (Brazzaville)	—	—	—	—	—	—	—	—	—	—	—
Denmark	—	—	—	—	—	—	—	—	—	—	—
Egypt	—	—	—	—	—	—	—	—	—	—	—
Equatorial Guinea	—	—	—	—	—	—	—	—	—	—	—
Estonia	—	—	—	—	—	—	—	—	—	—	—
Finland	—	—	—	—	—	—	—	—	—	—	—
France	—	—	—	—	—	—	—	—	—	—	—
Gabon	—	—	—	—	—	—	—	—	—	—	—
Germany	—	—	—	—	—	—	—	—	—	—	—
Guatemala	—	—	—	—	—	—	—	—	—	—	—
India	—	—	—	—	—	—	—	—	—	—	—
Indonesia	—	—	—	92	—	—	—	—	—	—	—
Italy	—	—	—	—	—	—	—	—	—	—	—
Korea, South	—	—	—	21	—	—	—	—	—	—	—
Latvia	—	—	—	—	—	—	—	—	—	—	—
Lithuania	—	—	—	—	—	—	—	—	—	—	—
Malaysia	—	—	—	—	—	—	—	—	—	—	—
Mexico	—	—	—	—	—	—	—	—	—	—	—
Netherlands	—	—	—	—	—	—	—	—	—	—	—
Netherlands Antilles	—	—	—	—	—	—	—	—	—	—	—
Norway	—	—	—	—	—	—	—	—	—	—	—
Oman	—	—	—	—	—	—	—	—	—	—	—
Portugal	—	—	—	—	—	—	—	—	—	—	—
Russia	—	—	—	—	—	—	—	—	262	—	262
Spain	—	—	—	—	—	—	—	—	—	—	—
Sweden	—	—	—	—	—	—	—	—	—	—	—
Syria	—	—	—	—	—	—	—	—	—	—	—
Trinidad and Tobago	—	—	—	—	—	—	—	—	—	—	—
United Kingdom	—	—	—	—	—	—	—	—	—	—	—
Vietnam	—	—	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S.	—	—	—	—	—	—	—	—	—	—	—
Yemen	—	—	—	—	—	—	—	—	—	—	—
Other	0	—	0	0	483	—	0	0	0	0	0
Total	44	—	228	1,078	483	—	2,845	38	1,893	21	4,797
Persian Gulf³	—	—	—	—	—	—	—	—	—	—	—

See footnotes at end of table.

Table 39. Imports of Crude Oil and Petroleum Products into the United States by Country of Origin, December 2015
(Thousand Barrels) — Continued

Country of Origin	Kerosene	Finished Aviation Gasoline	Aviation Gasoline Blending Components	Kerosene-Type Jet Fuel	Special Naphthas	Residual Fuel Oil			
						Less than 0.31 % sulfur	0.31 to 1.00 % sulfur	Greater than 1.00 % sulfur	Total
OPEC	—	—	—	580	—	146	—	539	685
Algeria	—	—	—	—	—	—	—	—	—
Angola	—	—	—	—	—	—	—	—	—
Ecuador	—	—	—	—	—	—	—	—	—
Iran	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	—	—	—	—
Kuwait	—	—	—	—	—	—	—	—	—
Libya	—	—	—	—	—	—	—	177	177
Nigeria	—	—	—	—	—	—	—	—	—
Qatar	—	—	—	—	—	—	—	—	—
Saudi Arabia	—	—	—	—	—	—	—	—	—
United Arab Emirates	—	—	—	—	—	—	—	—	—
Venezuela	—	—	—	580	—	146	—	362	508
Non-OPEC	258	1	—	2,775	312	850	685	4,622	6,157
Argentina	—	—	—	—	—	—	—	—	—
Aruba	—	—	—	—	—	—	—	—	—
Australia	—	—	—	—	—	—	—	—	—
Bahamas	—	—	—	—	—	—	—	178	178
Bahrain	—	—	—	—	—	—	—	—	—
Belgium	—	—	—	—	—	—	—	—	—
Brazil	—	—	—	—	62	—	—	9	9
Brunei	—	—	—	—	—	—	—	—	—
Cameroon	—	—	—	—	—	—	—	—	—
Canada	—	1	—	233	39	292	685	1,853	2,830
Chad	—	—	—	—	—	—	—	—	—
China	258	—	—	—	—	—	—	—	—
Colombia	—	—	—	—	—	380	—	563	943
Congo (Brazzaville)	—	—	—	—	—	—	—	—	—
Denmark	—	—	—	—	—	—	—	—	—
Egypt	—	—	—	—	—	—	—	—	—
Equatorial Guinea	—	—	—	—	—	—	—	—	—
Estonia	—	—	—	—	—	—	—	—	—
Finland	—	—	—	—	—	—	—	—	—
France	—	—	—	—	—	—	—	—	—
Gabon	—	—	—	—	—	—	—	—	—
Germany	—	—	—	—	—	—	—	—	—
Guatemala	—	—	—	—	—	—	—	—	—
India	—	—	—	79	—	—	—	—	—
Indonesia	—	—	—	—	—	—	—	—	—
Italy	—	—	—	—	—	—	—	—	—
Korea, South	—	—	—	2,241	97	—	—	—	—
Latvia	—	—	—	—	—	—	—	—	—
Lithuania	—	—	—	—	—	—	—	—	—
Malaysia	—	—	—	—	—	—	—	—	—
Mexico	—	—	—	—	—	—	—	1,020	1,020
Netherlands	—	—	—	—	—	—	—	256	256
Netherlands Antilles	—	—	—	—	—	—	—	—	—
Norway	—	—	—	—	—	—	—	—	—
Oman	—	—	—	—	—	—	—	—	—
Portugal	—	—	—	—	—	—	—	—	—
Russia	—	—	—	—	—	—	—	623	623
Spain	—	—	—	—	—	—	—	—	—
Sweden	—	—	—	—	—	—	—	—	—
Syria	—	—	—	—	—	—	—	—	—
Trinidad and Tobago	—	—	—	—	—	—	—	108	108
United Kingdom	—	—	—	—	—	—	—	—	—
Vietnam	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S.	—	—	—	—	—	—	—	—	—
Yemen	—	—	—	—	—	—	—	—	—
Other	0	0	—	222	114	178	0	12	190
Total	258	1	—	3,355	312	996	685	5,161	6,842
Persian Gulf³	—	—	—	—	—	—	—	—	—

See footnotes at end of table.

Table 39. Imports of Crude Oil and Petroleum Products into the United States by Country of Origin, December 2015
(Thousand Barrels) — Continued

Country of Origin	Petrochemical Feedstocks		Waxes	Petroleum Coke	Asphalt and Road Oil	Lubricants	Miscellaneous Products	Total Products	Total Crude Oil and Products	Daily Average		
	Naphtha	Other Oils								Crude Oil	Products	Total
OPEC	87	—	—	—	—	—	—	6,198	101,480	3,074	200	3,274
Algeria	—	—	—	—	—	—	—	2,282	2,282	—	74	74
Angola	—	—	—	—	—	—	—	376	5,137	154	12	166
Ecuador	—	—	—	—	—	—	—	—	6,097	197	—	197
Iran	—	—	—	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	—	—	—	13,844	447	—	447
Kuwait	—	—	—	—	—	—	—	—	5,972	193	—	193
Libya	—	—	—	—	—	—	—	385	385	—	12	12
Nigeria	—	—	—	—	—	—	—	938	4,820	125	30	155
Qatar	—	—	—	—	—	—	—	—	—	—	—	—
Saudi Arabia	87	—	—	—	—	—	—	87	34,767	1,119	3	1,122
United Arab Emirates	—	—	—	—	—	—	—	309	309	—	10	10
Venezuela	—	—	—	—	—	—	—	1,821	27,867	840	59	899
Non-OPEC	936	133	99	31	587	661	2	50,404	200,037	4,827	1,626	6,453
Argentina	39	—	—	—	—	2	—	1,263	2,102	27	41	68
Aruba	—	—	—	—	—	—	—	—	—	—	—	—
Australia	—	—	—	—	—	—	—	—	101	3	—	3
Bahamas	—	—	—	—	—	—	—	227	227	—	7	7
Bahrain	—	—	—	—	—	77	—	77	77	—	2	2
Belgium	21	—	—	—	—	5	—	2,480	2,480	—	80	80
Brazil	40	—	1	—	—	—	—	453	6,447	193	15	208
Brunei	—	—	—	—	—	—	—	—	—	—	—	—
Cameroon	—	—	—	—	—	—	—	—	—	—	—	—
Canada	82	100	40	7	458	308	2	19,415	125,290	3,415	626	4,042
Chad	—	—	—	—	—	—	—	—	949	31	—	31
China	—	—	16	—	—	—	—	274	274	—	9	9
Colombia	—	—	—	—	98	—	—	2,163	12,102	321	70	390
Congo (Brazzaville)	—	—	—	—	—	—	—	—	—	—	—	—
Denmark	—	—	—	—	—	—	—	—	—	—	—	—
Egypt	—	—	—	—	—	—	—	—	—	—	—	—
Equatorial Guinea	—	—	—	—	—	—	—	—	—	—	—	—
Estonia	—	—	—	—	—	—	—	238	238	—	8	8
Finland	—	—	—	—	—	—	—	—	—	—	—	—
France	—	33	—	—	—	5	—	2,382	2,382	—	77	77
Gabon	—	—	—	—	—	—	—	—	668	22	—	22
Germany	10	—	—	—	—	21	—	32	32	—	1	1
Guatemala	—	—	—	—	—	—	—	—	259	8	—	8
India	—	—	—	—	—	—	—	650	650	—	21	21
Indonesia	—	—	1	—	—	—	—	93	1,441	43	3	46
Italy	—	—	20	—	—	5	—	223	223	—	7	7
Korea, South	64	—	—	—	—	214	—	2,637	2,637	—	85	85
Latvia	—	—	—	—	—	—	—	—	—	—	—	—
Lithuania	—	—	—	—	—	—	—	65	65	—	2	2
Malaysia	—	—	—	—	—	—	—	—	—	—	—	—
Mexico	522	—	—	—	—	—	—	1,652	23,558	707	53	760
Netherlands	78	—	—	—	—	—	—	1,170	1,170	—	38	38
Netherlands Antilles	—	—	—	—	—	—	—	—	—	—	—	—
Norway	—	—	—	—	—	—	—	1,221	1,221	—	39	39
Oman	—	—	—	—	—	—	—	—	—	—	—	—
Portugal	—	—	—	—	—	—	—	566	566	—	18	18
Russia	—	—	—	—	—	—	—	5,325	6,791	47	172	219
Spain	—	—	—	—	—	—	—	1,402	1,402	—	45	45
Sweden	—	—	—	—	—	—	—	2	2	—	0	0
Syria	—	—	—	—	—	—	—	—	—	—	—	—
Trinidad and Tobago	—	—	—	—	—	—	—	108	114	0	3	4
United Kingdom	—	—	—	8	—	5	—	3,459	3,459	—	112	112
Vietnam	—	—	—	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S.	—	—	—	—	—	—	—	—	—	—	—	—
Yemen	—	—	—	—	—	—	—	—	—	—	—	—
Other	80	0	21	16	31	19	0	2,827	3,110	10	92	101
Total	1,023	133	99	31	587	661	2	56,602	301,517	7,900	1,826	9,726
Persian Gulf³	87	—	—	—	—	77	—	473	54,969	1,758	15	1,773

— = No Data Reported.

¹ Crude oil and unfinished oils are reported by PAD District of processing; all other products are reported by PAD District of Entry.

² Includes crude oil imported for storage in the Strategic Petroleum Reserve.

³ Includes Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and United Arab Emirates.

Note: Totals may not equal sum of components due to independent rounding.

Source: Energy Information Administration (EIA) Form EIA-814, "Monthly Imports Report."

Table 40. Year-to-Date Imports of Crude Oil and Petroleum Products into the United States by Country of Origin, January-December 2015
(Thousand Barrels)

Country of Origin	Crude Oil ^{1,2}	Pentanes Plus	Liquefied Petroleum Gases	Unfinished Oils ¹	Finished Motor Gasoline			Motor Gasoline Blending Components		
					Reformulated	Conventional	Total	Reformulated	Conventional	Total
OPEC	977,729	789	—	44,168	—	1,051	1,051	280	15,561	15,841
Algeria	1,060	640	—	35,947	—	—	—	—	—	—
Angola	45,103	—	—	4,098	—	—	—	—	—	—
Ecuador	82,302	—	—	1,384	—	—	—	—	180	180
Iran	—	—	—	—	—	—	—	—	—	—
Iraq	83,726	—	—	—	—	—	—	—	—	—
Kuwait	75,059	—	—	—	—	—	—	—	—	—
Libya	1,078	—	—	1,093	—	—	—	—	—	—
Nigeria	20,807	—	—	—	—	810	810	36	8,204	8,240
Qatar	—	—	—	—	—	—	—	—	64	64
Saudi Arabia	383,620	—	—	—	—	—	—	—	—	—
United Arab Emirates	602	—	—	593	—	—	—	—	—	—
Venezuela	284,372	149	—	1,053	—	241	241	244	7,113	7,357
Non-OPEC	1,705,217	3,238	48,536	153,132	—	24,990	24,990	62,575	137,712	200,287
Argentina	5,839	—	54	—	—	66	66	—	517	517
Aruba	—	—	—	—	—	—	—	—	—	—
Australia	3,625	—	—	—	—	—	—	—	—	—
Bahamas	—	—	—	268	—	1,406	1,406	—	—	—
Bahrain	—	—	—	—	—	—	—	—	—	—
Belgium	—	—	—	19,664	—	873	873	1,471	5,997	7,468
Brazil	68,950	—	123	1,034	—	848	848	—	1,695	1,695
Brunei	—	—	—	—	—	—	—	—	—	—
Cameroon	—	—	—	456	—	—	—	—	—	—
Canada	1,156,798	67	46,435	3,679	—	12,004	12,004	28,658	25,333	53,991
Chad	26,197	—	—	37	—	—	—	—	—	—
China	—	—	—	—	—	—	—	—	—	—
Colombia	135,018	—	—	637	—	—	—	—	252	252
Congo (Brazzaville)	3,061	—	—	4	—	—	—	—	—	—
Denmark	—	—	—	—	—	—	—	—	—	—
Egypt	542	—	—	—	—	—	—	—	96	96
Equatorial Guinea	1,882	—	—	198	—	—	—	—	—	—
Estonia	—	—	—	792	—	—	—	238	—	238
Finland	—	—	—	20	—	121	121	632	2,659	3,291
France	—	—	—	4,208	—	1	1	5,077	2,800	7,877
Gabon	2,627	—	—	687	—	—	—	—	—	—
Germany	—	5	—	454	—	33	33	258	382	640
Guatemala	3,066	—	—	—	—	—	—	—	—	—
India	671	—	—	5,320	—	635	635	410	17,450	17,860
Indonesia	12,426	—	—	—	—	—	—	—	—	—
Italy	481	—	—	1,170	—	312	312	403	1,681	2,084
Korea, South	—	—	—	152	—	120	120	459	1,759	2,218
Latvia	—	—	—	—	—	—	—	—	—	—
Lithuania	—	—	—	—	—	309	309	65	—	65
Malaysia	182	—	—	—	—	—	—	—	—	—
Mexico	251,102	—	425	—	—	456	456	—	713	713
Netherlands	—	—	38	7,253	—	931	931	2,466	5,785	8,251
Netherlands Antilles	—	—	—	—	—	—	—	—	—	—
Norway	3,215	—	411	5,245	—	807	807	1,853	9,243	11,096
Oman	—	—	—	—	—	—	—	—	—	—
Portugal	—	—	—	—	—	313	313	1,214	6,963	8,177
Russia	10,351	246	—	88,872	—	512	512	904	10,878	11,782
Spain	—	—	47	1,213	—	1,634	1,634	167	18,418	18,585
Sweden	—	—	400	238	—	236	236	5	578	583
Syria	—	—	—	—	—	—	—	—	—	—
Trinidad and Tobago	2,537	—	—	327	—	180	180	—	1,201	1,201
United Kingdom	4,154	—	—	2,437	—	2,852	2,852	17,525	16,152	33,677
Vietnam	3,320	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S.	—	—	—	—	—	—	—	—	—	—
Yemen	—	—	—	—	—	—	—	—	—	—
Other	9,173	2,920	603	8,767	—	341	341	770	7,160	7,930
Total	2,682,946	4,027	48,536	197,300	—	26,041	26,041	62,855	153,273	216,128
Persian Gulf³	543,007	—	—	593	—	—	—	—	64	64

See footnotes at end of table.

Table 40. Year-to-Date Imports of Crude Oil and Petroleum Products into the United States by Country of Origin, January-December 2015
(Thousand Barrels) — Continued

Country of Origin	Oxygenates		Renewable Fuels				Distillate Fuel Oil				
	Methyl Tertiary Butyl Ether (MTBE)	Other Oxygenates	Fuel Ethanol	Biomass-Based Diesel	Other Renewable Diesel	Other Renewable Fuels	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	501 to 2000 ppm	Greater than 2000 ppm	Total
OPEC	191	—	—	—	—	—	1,867	—	108	—	1,975
Algeria	—	—	—	—	—	—	—	—	—	—	—
Angola	—	—	—	—	—	—	—	—	—	—	—
Ecuador	—	—	—	—	—	—	—	—	—	—	—
Iran	—	—	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	—	—	—	—	—	—
Kuwait	—	—	—	—	—	—	—	—	108	—	108
Libya	—	—	—	—	—	—	—	—	—	—	—
Nigeria	—	—	—	—	—	—	310	—	—	—	310
Qatar	65	—	—	—	—	—	331	—	—	—	331
Saudi Arabia	46	—	—	—	—	—	1,226	—	—	—	1,226
United Arab Emirates	67	—	—	—	—	—	—	—	—	—	—
Venezuela	13	—	—	—	—	—	—	—	—	—	—
Non-OPEC	1,123	—	2,179	7,957	4,849	—	48,098	4,387	18,389	138	71,012
Argentina	123	—	—	4,377	—	—	198	—	—	—	198
Aruba	—	—	—	—	—	—	—	—	—	—	—
Australia	—	—	—	—	—	—	—	—	—	—	—
Bahamas	—	—	—	—	—	—	—	—	—	—	—
Bahrain	—	—	—	—	—	—	—	—	—	—	—
Belgium	58	—	—	—	—	—	130	—	291	—	421
Brazil	341	—	2,097	—	—	—	—	—	2	—	2
Brunel	—	—	—	—	—	—	—	—	—	—	—
Cameroon	—	—	—	—	—	—	—	—	36	—	36
Canada	—	—	82	1,457	—	—	40,253	525	12,853	138	53,769
Chad	—	—	—	—	—	—	—	—	—	—	—
China	—	—	—	—	—	—	—	—	—	—	—
Colombia	—	—	—	—	—	—	—	—	460	—	460
Congo (Brazzaville)	—	—	—	—	—	—	—	—	—	—	—
Denmark	—	—	—	—	—	—	—	—	—	—	—
Egypt	—	—	—	—	—	—	—	—	—	—	—
Equatorial Guinea	—	—	—	—	—	—	—	—	—	—	—
Estonia	—	—	—	—	—	—	—	—	—	—	—
Finland	—	—	—	—	—	—	—	—	147	—	147
France	—	—	—	—	—	—	—	—	12	—	12
Gabon	—	—	—	—	—	—	21	—	—	—	21
Germany	44	—	—	76	—	—	63	—	991	—	1,054
Guatemala	—	—	—	—	—	—	—	—	—	—	—
India	—	—	—	—	—	—	1,397	—	—	—	1,397
Indonesia	—	—	—	1,746	—	—	—	—	—	—	—
Italy	—	—	—	—	—	—	41	—	—	—	41
Korea, South	—	—	—	301	—	—	338	—	—	—	338
Latvia	—	—	—	—	—	—	92	—	—	—	92
Lithuania	—	—	—	—	—	—	329	—	—	—	329
Malaysia	—	—	—	—	—	—	—	—	—	—	—
Mexico	—	—	—	—	—	—	—	—	277	—	277
Netherlands	537	—	—	—	—	—	605	—	249	—	854
Netherlands Antilles	—	—	—	—	—	—	—	—	—	—	—
Norway	—	—	—	—	—	—	321	—	25	—	346
Oman	—	—	—	—	—	—	—	—	—	—	—
Portugal	—	—	—	—	—	—	—	—	3	—	3
Russia	—	—	—	—	—	—	3,175	3,712	2,552	—	9,439
Spain	—	—	—	—	—	—	—	—	30	—	30
Sweden	—	—	—	—	—	—	—	—	159	—	159
Syria	—	—	—	—	—	—	—	—	—	—	—
Trinidad and Tobago	—	—	—	—	—	—	—	—	—	—	—
United Kingdom	—	—	—	—	—	—	8	—	27	—	35
Vietnam	—	—	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S.	—	—	—	—	—	—	—	—	—	—	—
Yemen	—	—	—	—	—	—	—	—	—	—	—
Other	20	—	0	0	4,849	—	1,127	150	275	0	1,552
Total	1,314	—	2,179	7,957	4,849	—	49,965	4,387	18,497	138	72,987
Persian Gulf³	178	—	—	—	—	—	1,557	—	108	—	1,665

See footnotes at end of table.

Table 40. Year-to-Date Imports of Crude Oil and Petroleum Products into the United States by Country of Origin, January-December 2015
(Thousand Barrels) — Continued

Country of Origin	Kerosene	Finished Aviation Gasoline	Aviation Gasoline Blending Components	Kerosene-Type Jet Fuel	Special Naphthas	Residual Fuel Oil			
						Less than 0.31 % sulfur	0.31 to 1.00 % sulfur	Greater than 1.00 % sulfur	Total
OPEC	—	—	—	6,719	463	1,690	1,154	554	3,398
Algeria	—	—	—	266	—	1,544	—	—	1,544
Angola	—	—	—	—	—	—	566	—	566
Ecuador	—	—	—	—	79	—	—	15	15
Iran	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	—	—	—	—
Kuwait	—	—	—	—	—	—	—	—	—
Libya	—	—	—	—	—	—	217	177	394
Nigeria	—	—	—	—	—	—	240	—	240
Qatar	—	—	—	—	—	—	—	—	—
Saudi Arabia	—	—	—	547	384	—	—	—	—
United Arab Emirates	—	—	—	—	—	—	—	—	—
Venezuela	—	—	—	5,906	—	146	131	362	639
Non-OPEC	1,593	25	—	40,492	5,051	3,975	10,544	50,348	64,867
Argentina	—	—	—	—	—	—	—	—	—
Aruba	—	—	—	123	—	—	—	—	—
Australia	—	—	—	—	—	—	—	—	—
Bahamas	—	—	—	—	—	—	—	178	178
Bahrain	—	—	—	—	—	—	—	—	—
Belgium	—	—	—	—	14	—	—	—	—
Brazil	—	—	—	—	267	34	1,228	513	1,775
Brunei	—	—	—	—	—	—	—	—	—
Cameroon	—	—	—	—	—	—	88	—	88
Canada	10	25	—	4,177	1,507	1,196	5,478	13,198	19,872
Chad	—	—	—	—	—	—	—	—	—
China	791	—	—	921	—	—	—	—	—
Colombia	—	—	—	—	—	380	3	6,165	6,548
Congo (Brazzaville)	—	—	—	—	—	—	—	—	—
Denmark	—	—	—	—	—	—	358	—	358
Egypt	—	—	—	—	—	—	—	—	—
Equatorial Guinea	—	—	—	—	—	—	—	—	—
Estonia	—	—	—	—	—	—	—	—	—
Finland	—	—	—	—	—	—	—	—	—
France	—	—	—	—	—	—	—	—	—
Gabon	—	—	—	—	—	193	—	—	193
Germany	—	—	—	—	50	—	—	—	—
Guatemala	—	—	—	—	—	—	—	—	—
India	—	—	—	4,101	112	—	531	—	531
Indonesia	—	—	—	—	—	—	—	—	—
Italy	—	—	—	—	—	—	170	56	226
Korea, South	244	—	—	26,222	1,225	—	—	—	—
Latvia	—	—	—	—	—	—	—	—	—
Lithuania	—	—	—	—	—	—	—	—	—
Malaysia	—	—	—	—	—	—	—	—	—
Mexico	—	—	—	—	—	180	11	17,522	17,713
Netherlands	—	—	—	23	72	220	528	1,360	2,108
Netherlands Antilles	—	—	—	—	—	—	—	—	—
Norway	—	—	—	—	—	—	—	—	—
Oman	—	—	—	—	—	—	—	—	—
Portugal	—	—	—	—	—	—	—	—	—
Russia	—	—	—	—	—	1,139	562	6,109	7,810
Spain	—	—	—	—	—	—	—	150	150
Sweden	—	—	—	—	—	—	—	—	—
Syria	—	—	—	—	—	—	—	—	—
Trinidad and Tobago	—	—	—	304	—	320	—	3,218	3,538
United Kingdom	—	—	—	10	—	—	107	—	107
Vietnam	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S.	—	—	—	—	—	—	—	—	—
Yemen	—	—	—	—	—	—	—	—	—
Other	548	0	—	4,611	1,804	313	1,480	1,879	3,672
Total	1,593	25	—	47,211	5,514	5,665	11,698	50,902	68,265
Persian Gulf³	—	—	—	547	384	—	—	—	—

See footnotes at end of table.

Table 40. Year-to-Date Imports of Crude Oil and Petroleum Products into the United States by Country of Origin, January-December 2015
(Thousand Barrels) — Continued

Country of Origin	Petrochemical Feedstocks		Waxes	Petroleum Coke	Asphalt and Road Oil	Lubricants	Miscellaneous Products	Total Products	Total Crude Oil and Products	Daily Average		
	Naphtha	Other Oils								Crude Oil	Products	Total
OPEC	520	4	15	1,506	1,387	2,453	—	80,480	1,058,209	2,679	220	2,899
Algeria	21	—	—	—	—	—	—	38,418	39,478	3	105	108
Angola	—	—	—	—	—	—	—	4,664	49,767	124	13	136
Ecuador	—	—	—	—	—	—	—	1,658	83,960	225	5	230
Iran	—	—	—	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	—	—	—	83,726	229	—	229
Kuwait	—	—	—	—	—	—	—	108	75,167	206	0	206
Libya	—	—	—	—	—	—	—	1,487	2,565	3	4	7
Nigeria	—	—	—	—	—	—	—	9,600	30,407	57	26	83
Qatar	—	—	15	—	—	2,453	—	2,928	2,928	—	8	8
Saudi Arabia	231	—	—	—	—	—	—	2,434	386,054	1,051	7	1,058
United Arab Emirates	43	—	—	—	—	—	—	703	1,305	2	2	4
Venezuela	225	4	—	1,506	1,387	—	—	18,480	302,852	779	51	830
Non-OPEC	11,394	2,277	1,945	2,331	9,792	9,972	16	667,784	2,373,001	4,672	1,830	6,501
Argentina	137	958	—	246	—	23	—	6,699	12,538	16	18	34
Aruba	—	—	—	—	—	—	—	123	123	—	0	0
Australia	—	—	—	—	—	—	—	—	3,625	10	—	10
Bahamas	—	—	—	—	—	—	—	1,852	1,852	—	5	5
Bahrain	—	—	—	—	—	866	—	866	866	—	2	2
Belgium	49	—	—	—	—	61	—	28,609	28,609	—	78	78
Brazil	759	—	16	192	—	93	—	9,242	78,192	189	25	214
Brunei	—	—	—	—	—	—	—	—	—	—	—	—
Cameroon	—	—	—	—	—	—	—	580	580	—	2	2
Canada	1,098	996	693	557	8,384	3,887	16	213,355	1,370,153	3,169	585	3,754
Chad	—	—	—	—	—	—	—	37	26,234	72	0	72
China	—	—	563	—	—	—	—	2,275	2,275	—	6	6
Colombia	—	—	—	—	233	—	—	8,130	143,148	370	22	392
Congo (Brazzaville)	—	—	—	—	—	—	—	4	3,065	8	0	8
Denmark	—	—	—	—	—	—	—	358	358	—	1	1
Egypt	—	—	56	—	—	—	—	152	694	1	0	2
Equatorial Guinea	—	—	—	—	—	—	—	198	2,080	5	1	6
Estonia	—	—	—	—	—	—	—	1,030	1,030	—	3	3
Finland	—	—	—	—	—	12	—	3,591	3,591	—	10	10
France	22	267	31	—	—	129	—	12,547	12,547	—	34	34
Gabon	—	—	—	—	—	—	—	901	3,528	7	2	10
Germany	39	—	7	130	—	204	—	2,739	2,739	—	8	8
Guatemala	—	—	—	—	—	—	—	—	3,066	8	—	8
India	33	—	8	—	—	—	—	29,997	30,668	2	82	84
Indonesia	—	—	2	—	—	57	—	1,805	14,231	34	5	39
Italy	42	—	82	—	64	366	—	4,413	4,894	1	12	13
Korea, South	1,566	—	—	—	—	3,759	—	36,145	36,145	—	99	99
Latvia	—	—	—	—	—	—	—	92	92	—	0	0
Lithuania	—	—	—	—	—	—	—	703	703	—	2	2
Malaysia	23	—	168	—	—	24	—	215	397	0	1	1
Mexico	5,872	—	—	—	—	—	—	25,456	276,558	688	70	758
Netherlands	357	—	1	—	—	14	—	20,449	20,449	—	56	56
Netherlands Antilles	—	—	—	—	—	—	—	—	—	—	—	—
Norway	—	—	—	133	—	—	—	18,038	21,253	9	49	58
Oman	—	—	—	—	—	—	—	—	—	—	—	—
Portugal	5	—	—	—	—	—	—	8,498	8,498	—	23	23
Russia	57	—	—	—	—	35	—	118,763	129,114	28	325	354
Spain	49	—	—	727	522	—	—	22,957	22,957	—	63	63
Sweden	—	—	—	2	—	11	—	1,629	1,629	—	4	4
Syria	—	—	—	—	—	—	—	—	—	—	—	—
Trinidad and Tobago	—	—	—	—	—	—	—	5,550	8,087	7	15	22
United Kingdom	457	56	—	137	—	155	—	39,923	44,077	11	109	121
Vietnam	—	—	—	—	—	—	—	—	3,320	9	—	9
Virgin Islands, U.S.	—	—	—	—	—	—	—	—	—	—	—	—
Yemen	—	—	—	—	—	—	—	—	—	—	—	—
Other	829	0	318	207	589	276	0	39,863	49,036	28	113	136
Total	11,914	2,281	1,960	3,837	11,179	12,425	16	748,264	3,431,210	7,351	2,050	9,401
Persian Gulf³	274	—	15	—	—	3,319	—	7,039	550,046	1,488	19	1,507

— = No Data Reported.

² Includes crude oil imported for storage in the Strategic Petroleum Reserve.

³ Includes Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and United Arab Emirates.

Note: Totals may not equal sum of components due to independent rounding.

Source: Energy Information Administration (EIA) Form EIA-814, "Monthly Imports Report."

¹ Crude oil and unfinished oils are reported by PAD District of processing; all other products are reported by PAD District of Entry.

Table 41. PAD District 1 - Imports of Crude Oil and Petroleum Products by Country of Origin, December 2015
(Thousand Barrels)

Country of Origin	Crude Oil ^{1,2}	Pentanes Plus	Liquefied Petroleum Gases	Unfinished Oils ¹	Finished Motor Gasoline			Motor Gasoline Blending Components		
					Reformulated	Conventional	Total	Reformulated	Conventional	Total
OPEC	8,215	—	—	—	—	83	83	—	1,278	1,278
Algeria	—	—	—	—	—	—	—	—	—	—
Angola	1,791	—	—	—	—	—	—	—	—	—
Ecuador	—	—	—	—	—	—	—	—	—	—
Iran	—	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	—	—	—	—	—
Kuwait	—	—	—	—	—	—	—	—	—	—
Libya	—	—	—	—	—	—	—	—	—	—
Nigeria	3,589	—	—	—	—	83	83	—	545	545
Qatar	—	—	—	—	—	—	—	—	—	—
Saudi Arabia	2,079	—	—	—	—	—	—	—	—	—
United Arab Emirates	—	—	—	—	—	—	—	—	—	—
Venezuela	756	—	—	—	—	—	—	—	733	733
Non-OPEC	14,548	—	1,822	737	—	2,365	2,365	6,764	5,442	12,206
Argentina	—	—	—	—	—	—	—	—	186	186
Aruba	—	—	—	—	—	—	—	—	—	—
Australia	101	—	—	—	—	—	—	—	—	—
Bahamas	—	—	—	—	—	49	49	—	—	—
Bahrain	—	—	—	—	—	—	—	—	—	—
Belgium	—	—	—	—	—	—	—	321	147	468
Brazil	21	—	—	—	—	—	—	—	—	—
Brunei	—	—	—	—	—	—	—	—	—	—
Cameroon	—	—	—	—	—	—	—	—	—	—
Canada	9,473	—	1,822	—	—	994	994	2,852	825	3,677
Chad	—	—	—	—	—	—	—	—	—	—
China	—	—	—	—	—	—	—	—	—	—
Colombia	2,866	—	—	224	—	—	—	—	252	252
Congo (Brazzaville)	—	—	—	—	—	—	—	—	—	—
Denmark	—	—	—	—	—	—	—	—	—	—
Egypt	—	—	—	—	—	—	—	—	—	—
Equatorial Guinea	—	—	—	—	—	—	—	—	—	—
Estonia	—	—	—	—	—	—	—	238	—	238
Finland	—	—	—	—	—	—	—	—	—	—
France	—	—	—	—	—	—	—	822	—	822
Gabon	668	—	—	—	—	—	—	—	—	—
Germany	—	—	—	—	—	—	—	—	—	—
Guatemala	—	—	—	—	—	—	—	—	—	—
India	—	—	—	—	—	—	—	—	571	571
Indonesia	—	—	—	—	—	—	—	—	—	—
Italy	—	—	—	—	—	—	—	—	—	—
Korea, South	—	—	—	—	—	—	—	—	—	—
Latvia	—	—	—	—	—	—	—	—	—	—
Lithuania	—	—	—	—	—	—	—	65	—	65
Malaysia	—	—	—	—	—	—	—	—	—	—
Mexico	1,419	—	—	—	—	—	—	—	—	—
Netherlands	—	—	—	—	—	329	329	324	15	339
Netherlands Antilles	—	—	—	—	—	—	—	—	—	—
Norway	—	—	—	—	—	318	318	524	—	524
Oman	—	—	—	—	—	—	—	—	—	—
Portugal	—	—	—	—	—	—	—	—	566	566
Russia	—	—	—	—	—	—	—	22	475	497
Spain	—	—	—	—	—	—	—	—	1,402	1,402
Sweden	—	—	—	—	—	—	—	2	—	2
Syria	—	—	—	—	—	—	—	—	—	—
Trinidad and Tobago	—	—	—	—	—	—	—	—	—	—
United Kingdom	—	—	—	—	—	675	675	1,594	524	2,118
Vietnam	—	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S.	—	—	—	—	—	—	—	—	—	—
Yemen	—	—	—	—	—	—	—	—	—	—
Other	0	—	0	513	—	0	0	0	479	479
Total	22,763	—	1,822	737	—	2,448	2,448	6,764	6,720	13,484
Persian Gulf³	2,079	—	—	—	—	—	—	—	—	—

See footnotes at end of table.

Table 41. PAD District 1 - Imports of Crude Oil and Petroleum Products by Country of Origin, December 2015
(Thousand Barrels) — Continued

Country of Origin	Oxygenates		Renewable Fuels				Distillate Fuel Oil				Total
	Methyl Tertiary Butyl Ether (MTBE)	Other Oxygenates	Fuel Ethanol	Biomass-Based Diesel	Other Renewable Diesel	Other Renewable Fuels	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	501 to 2000 ppm	Greater than 2000 ppm	
OPEC	—	—	—	—	—	—	310	—	—	—	310
Algeria	—	—	—	—	—	—	—	—	—	—	—
Angola	—	—	—	—	—	—	—	—	—	—	—
Ecuador	—	—	—	—	—	—	—	—	—	—	—
Iran	—	—	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	—	—	—	—	—	—
Kuwait	—	—	—	—	—	—	—	—	—	—	—
Libya	—	—	—	—	—	—	—	—	—	—	—
Nigeria	—	—	—	—	—	—	310	—	—	—	310
Qatar	—	—	—	—	—	—	—	—	—	—	—
Saudi Arabia	—	—	—	—	—	—	—	—	—	—	—
United Arab Emirates	—	—	—	—	—	—	—	—	—	—	—
Venezuela	—	—	—	—	—	—	—	—	—	—	—
Non-OPEC	—	—	5	630	134	—	2,423	38	1,256	—	3,717
Argentina	—	—	—	575	—	—	—	—	—	—	—
Aruba	—	—	—	—	—	—	—	—	—	—	—
Australia	—	—	—	—	—	—	—	—	—	—	—
Bahamas	—	—	—	—	—	—	—	—	—	—	—
Bahrain	—	—	—	—	—	—	—	—	—	—	—
Belgium	—	—	—	—	—	—	—	—	—	—	—
Brazil	—	—	—	—	—	—	—	—	—	—	—
Brunei	—	—	—	—	—	—	—	—	—	—	—
Cameroon	—	—	—	—	—	—	—	—	—	—	—
Canada	—	—	5	55	—	—	2,423	38	1,022	—	3,483
Chad	—	—	—	—	—	—	—	—	—	—	—
China	—	—	—	—	—	—	—	—	—	—	—
Colombia	—	—	—	—	—	—	—	—	234	—	234
Congo (Brazzaville)	—	—	—	—	—	—	—	—	—	—	—
Denmark	—	—	—	—	—	—	—	—	—	—	—
Egypt	—	—	—	—	—	—	—	—	—	—	—
Equatorial Guinea	—	—	—	—	—	—	—	—	—	—	—
Estonia	—	—	—	—	—	—	—	—	—	—	—
Finland	—	—	—	—	—	—	—	—	—	—	—
France	—	—	—	—	—	—	—	—	—	—	—
Gabon	—	—	—	—	—	—	—	—	—	—	—
Germany	—	—	—	—	—	—	—	—	—	—	—
Guatemala	—	—	—	—	—	—	—	—	—	—	—
India	—	—	—	—	—	—	—	—	—	—	—
Indonesia	—	—	—	—	—	—	—	—	—	—	—
Italy	—	—	—	—	—	—	—	—	—	—	—
Korea, South	—	—	—	—	—	—	—	—	—	—	—
Latvia	—	—	—	—	—	—	—	—	—	—	—
Lithuania	—	—	—	—	—	—	—	—	—	—	—
Malaysia	—	—	—	—	—	—	—	—	—	—	—
Mexico	—	—	—	—	—	—	—	—	—	—	—
Netherlands	—	—	—	—	—	—	—	—	—	—	—
Netherlands Antilles	—	—	—	—	—	—	—	—	—	—	—
Norway	—	—	—	—	—	—	—	—	—	—	—
Oman	—	—	—	—	—	—	—	—	—	—	—
Portugal	—	—	—	—	—	—	—	—	—	—	—
Russia	—	—	—	—	—	—	—	—	—	—	—
Spain	—	—	—	—	—	—	—	—	—	—	—
Sweden	—	—	—	—	—	—	—	—	—	—	—
Syria	—	—	—	—	—	—	—	—	—	—	—
Trinidad and Tobago	—	—	—	—	—	—	—	—	—	—	—
United Kingdom	—	—	—	—	—	—	—	—	—	—	—
Vietnam	—	—	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S.	—	—	—	—	—	—	—	—	—	—	—
Yemen	—	—	—	—	—	—	—	—	—	—	—
Other	—	—	0	0	134	—	0	0	0	—	0
Total	—	—	5	630	134	—	2,733	38	1,256	—	4,027
Persian Gulf³	—	—	—	—	—	—	—	—	—	—	—

See footnotes at end of table.

Table 41. PAD District 1 - Imports of Crude Oil and Petroleum Products by Country of Origin, December 2015
(Thousand Barrels) — Continued

Country of Origin	Kerosene	Finished Aviation Gasoline	Aviation Gasoline Blending Components	Kerosene-Type Jet Fuel	Special Naphthas	Residual Fuel Oil			
						Less than 0.31 % sulfur	0.31 to 1.00 % sulfur	Greater than 1.00 % sulfur	Total
OPEC	—	—	—	580	—	—	—	—	—
Algeria	—	—	—	—	—	—	—	—	—
Angola	—	—	—	—	—	—	—	—	—
Ecuador	—	—	—	—	—	—	—	—	—
Iran	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	—	—	—	—
Kuwait	—	—	—	—	—	—	—	—	—
Libya	—	—	—	—	—	—	—	—	—
Nigeria	—	—	—	—	—	—	—	—	—
Qatar	—	—	—	—	—	—	—	—	—
Saudi Arabia	—	—	—	—	—	—	—	—	—
United Arab Emirates	—	—	—	—	—	—	—	—	—
Venezuela	—	—	—	580	—	—	—	—	—
Non-OPEC	258	1	—	814	—	759	628	1,787	3,174
Argentina	—	—	—	—	—	—	—	—	—
Aruba	—	—	—	—	—	—	—	—	—
Australia	—	—	—	—	—	—	—	—	—
Bahamas	—	—	—	—	—	—	—	178	178
Bahrain	—	—	—	—	—	—	—	—	—
Belgium	—	—	—	—	—	—	—	—	—
Brazil	—	—	—	—	—	—	—	9	9
Brunei	—	—	—	—	—	—	—	—	—
Cameroon	—	—	—	—	—	—	—	—	—
Canada	—	1	—	191	—	201	628	951	1,780
Chad	—	—	—	—	—	—	—	—	—
China	258	—	—	—	—	—	—	—	—
Colombia	—	—	—	—	—	380	—	202	582
Congo (Brazzaville)	—	—	—	—	—	—	—	—	—
Denmark	—	—	—	—	—	—	—	—	—
Egypt	—	—	—	—	—	—	—	—	—
Equatorial Guinea	—	—	—	—	—	—	—	—	—
Estonia	—	—	—	—	—	—	—	—	—
Finland	—	—	—	—	—	—	—	—	—
France	—	—	—	—	—	—	—	—	—
Gabon	—	—	—	—	—	—	—	—	—
Germany	—	—	—	—	—	—	—	—	—
Guatemala	—	—	—	—	—	—	—	—	—
India	—	—	—	79	—	—	—	—	—
Indonesia	—	—	—	—	—	—	—	—	—
Italy	—	—	—	—	—	—	—	—	—
Korea, South	—	—	—	322	—	—	—	—	—
Latvia	—	—	—	—	—	—	—	—	—
Lithuania	—	—	—	—	—	—	—	—	—
Malaysia	—	—	—	—	—	—	—	—	—
Mexico	—	—	—	—	—	—	—	—	—
Netherlands	—	—	—	—	—	—	—	256	256
Netherlands Antilles	—	—	—	—	—	—	—	—	—
Norway	—	—	—	—	—	—	—	—	—
Oman	—	—	—	—	—	—	—	—	—
Portugal	—	—	—	—	—	—	—	—	—
Russia	—	—	—	—	—	—	—	71	71
Spain	—	—	—	—	—	—	—	—	—
Sweden	—	—	—	—	—	—	—	—	—
Syria	—	—	—	—	—	—	—	—	—
Trinidad and Tobago	—	—	—	—	—	—	—	108	108
United Kingdom	—	—	—	—	—	—	—	—	—
Vietnam	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S.	—	—	—	—	—	—	—	—	—
Yemen	—	—	—	—	—	—	—	—	—
Other	0	0	—	222	—	178	0	12	190
Total	258	1	—	1,394	—	759	628	1,787	3,174
Persian Gulf³	—	—	—	—	—	—	—	—	—

See footnotes at end of table.

Table 41. PAD District 1 - Imports of Crude Oil and Petroleum Products by Country of Origin, December 2015
(Thousand Barrels) — Continued

Country of Origin	Petrochemical Feedstocks		Waxes	Petroleum Coke	Asphalt and Road Oil	Lubricants	Miscellaneous Products	Total Products	Total Crude Oil and Products	Daily Average		
	Naphtha	Other Oils								Crude Oil	Products	Total
OPEC	—	—	—	—	—	—	—	2,251	10,466	265	73	338
Algeria	—	—	—	—	—	—	—	—	—	—	—	—
Angola	—	—	—	—	—	—	—	—	1,791	58	—	58
Ecuador	—	—	—	—	—	—	—	—	—	—	—	—
Iran	—	—	—	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	—	—	—	—	—	—	—
Kuwait	—	—	—	—	—	—	—	—	—	—	—	—
Libya	—	—	—	—	—	—	—	—	—	—	—	—
Nigeria	—	—	—	—	—	—	—	938	4,527	116	30	146
Qatar	—	—	—	—	—	—	—	—	—	—	—	—
Saudi Arabia	—	—	—	—	—	—	—	—	2,079	67	—	67
United Arab Emirates	—	—	—	—	—	—	—	—	—	—	—	—
Venezuela	—	—	—	—	—	—	—	1,313	2,069	24	42	67
Non-OPEC	1	2	57	1	248	168	—	26,340	40,888	469	850	1,319
Argentina	—	—	—	—	—	—	—	761	761	—	25	25
Aruba	—	—	—	—	—	—	—	—	—	—	—	—
Australia	—	—	—	—	—	—	—	—	101	3	—	3
Bahamas	—	—	—	—	—	—	—	227	227	—	7	7
Bahrain	—	—	—	—	—	—	—	—	—	—	—	—
Belgium	—	—	—	—	—	—	—	468	468	—	15	15
Brazil	—	—	1	—	—	—	—	10	31	1	0	1
Brunei	—	—	—	—	—	—	—	—	—	—	—	—
Cameroon	—	—	—	—	—	—	—	—	—	—	—	—
Canada	1	2	33	1	119	111	—	12,275	21,748	306	396	702
Chad	—	—	—	—	—	—	—	—	—	—	—	—
China	—	—	2	—	—	—	—	260	260	—	8	8
Colombia	—	—	—	—	98	—	—	1,390	4,256	92	45	137
Congo (Brazzaville)	—	—	—	—	—	—	—	—	—	—	—	—
Denmark	—	—	—	—	—	—	—	—	—	—	—	—
Egypt	—	—	—	—	—	—	—	—	—	—	—	—
Equatorial Guinea	—	—	—	—	—	—	—	—	—	—	—	—
Estonia	—	—	—	—	—	—	—	238	238	—	8	8
Finland	—	—	—	—	—	—	—	—	—	—	—	—
France	—	—	—	—	—	4	—	826	826	—	27	27
Gabon	—	—	—	—	—	—	—	—	668	22	—	22
Germany	—	—	—	—	—	15	—	15	15	—	0	0
Guatemala	—	—	—	—	—	—	—	—	—	—	—	—
India	—	—	—	—	—	—	—	650	650	—	21	21
Indonesia	—	—	—	—	—	—	—	—	—	—	—	—
Italy	—	—	—	—	—	—	—	—	—	—	—	—
Korea, South	—	—	—	—	—	38	—	360	360	—	12	12
Latvia	—	—	—	—	—	—	—	—	—	—	—	—
Lithuania	—	—	—	—	—	—	—	65	65	—	2	2
Malaysia	—	—	—	—	—	—	—	—	—	—	—	—
Mexico	—	—	—	—	—	—	—	—	1,419	46	—	46
Netherlands	—	—	—	—	—	—	—	924	924	—	30	30
Netherlands Antilles	—	—	—	—	—	—	—	—	—	—	—	—
Norway	—	—	—	—	—	—	—	842	842	—	27	27
Oman	—	—	—	—	—	—	—	—	—	—	—	—
Portugal	—	—	—	—	—	—	—	566	566	—	18	18
Russia	—	—	—	—	—	—	—	568	568	—	18	18
Spain	—	—	—	—	—	—	—	1,402	1,402	—	45	45
Sweden	—	—	—	—	—	—	—	2	2	—	0	0
Syria	—	—	—	—	—	—	—	—	—	—	—	—
Trinidad and Tobago	—	—	—	—	—	—	—	108	108	—	3	3
United Kingdom	—	—	—	—	—	—	—	2,793	2,793	—	90	90
Vietnam	—	—	—	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S.	—	—	—	—	—	—	—	—	—	—	—	—
Yemen	—	—	—	—	—	—	—	—	—	—	—	—
Other	0	0	21	0	31	0	—	1,590	1,590	-1	53	52
Total	1	2	57	1	248	168	—	28,591	51,354	734	922	1,657
Persian Gulf³	—	—	—	—	—	—	—	—	2,079	67	—	67

— = No Data Reported.

¹ Crude oil and unfinished oils are reported by PAD District of processing; all other products are reported by PAD District of Entry.

² Includes crude oil imported for storage in the Strategic Petroleum Reserve.

³ Includes Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and United Arab Emirates.

Note: Totals may not equal sum of components due to independent rounding.

Source: Energy Information Administration (EIA) Form EIA-814, "Monthly Imports Report."

Table 42. PAD District 2 - Imports of Crude Oil and Petroleum Products by Country of Origin, December 2015
(Thousand Barrels)

Country of Origin	Crude Oil ^{1,2}	Pentanes Plus	Liquefied Petroleum Gases	Unfinished Oils ¹	Finished Motor Gasoline			Motor Gasoline Blending Components		
					Reformulated	Conventional	Total	Reformulated	Conventional	Total
OPEC	1,337	-	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	1,337	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-
Non-OPEC	72,238	3	2,361	-	-	-	-	-	347	347
Argentina	-	-	-	-	-	-	-	-	-	-
Aruba	-	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	-	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	-	-	-	-	-	-
Brazil	-	-	-	-	-	-	-	-	-	-
Brunei	-	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-	-
Canada	72,238	3	2,361	-	-	-	-	-	347	347
Chad	-	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	-	-	-	-	-
Colombia	-	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-
Denmark	-	-	-	-	-	-	-	-	-	-
Egypt	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-	-
France	-	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-
Germany	-	-	-	-	-	-	-	-	-	-
Guatemala	-	-	-	-	-	-	-	-	-	-
India	-	-	-	-	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-	-
Italy	-	-	-	-	-	-	-	-	-	-
Korea, South	-	-	-	-	-	-	-	-	-	-
Latvia	-	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-	-
Mexico	-	-	-	-	-	-	-	-	-	-
Netherlands	-	-	-	-	-	-	-	-	-	-
Netherlands Antilles	-	-	-	-	-	-	-	-	-	-
Norway	-	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-	-
Portugal	-	-	-	-	-	-	-	-	-	-
Russia	-	-	-	-	-	-	-	-	-	-
Spain	-	-	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-	-
Syria	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	-	-	-	-	-	-	-	-	-	-
United Kingdom	-	-	-	-	-	-	-	-	-	-
Vietnam	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-	-
Yemen	-	-	-	-	-	-	-	-	-	-
Other	0	0	0	-	-	-	-	-	0	0
Total	73,575	3	2,361	-	-	-	-	-	347	347
Persian Gulf³	1,337	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 42. PAD District 2 - Imports of Crude Oil and Petroleum Products by Country of Origin, December 2015
(Thousand Barrels) — Continued

Country of Origin	Oxygenates		Renewable Fuels				Distillate Fuel Oil				Total
	Methyl Tertiary Butyl Ether (MTBE)	Other Oxygenates	Fuel Ethanol	Biomass-Based Diesel	Other Renewable Diesel	Other Renewable Fuels	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	501 to 2000 ppm	Greater than 2000 ppm	
OPEC	-	-	-	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-	-
Non-OPEC	-	-	-	-	-	-	38	-	-	21	59
Argentina	-	-	-	-	-	-	-	-	-	-	-
Aruba	-	-	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	-	-	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	-	-	-	-	-	-	-
Brazil	-	-	-	-	-	-	-	-	-	-	-
Brunei	-	-	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-	-	-
Canada	-	-	-	-	-	-	38	-	-	21	59
Chad	-	-	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	-	-	-	-	-	-
Colombia	-	-	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-	-
Denmark	-	-	-	-	-	-	-	-	-	-	-
Egypt	-	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-	-	-
France	-	-	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-	-
Germany	-	-	-	-	-	-	-	-	-	-	-
Guatemala	-	-	-	-	-	-	-	-	-	-	-
India	-	-	-	-	-	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-	-	-
Italy	-	-	-	-	-	-	-	-	-	-	-
Korea, South	-	-	-	-	-	-	-	-	-	-	-
Latvia	-	-	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-	-	-
Mexico	-	-	-	-	-	-	-	-	-	-	-
Netherlands	-	-	-	-	-	-	-	-	-	-	-
Netherlands Antilles	-	-	-	-	-	-	-	-	-	-	-
Norway	-	-	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-	-	-
Portugal	-	-	-	-	-	-	-	-	-	-	-
Russia	-	-	-	-	-	-	-	-	-	-	-
Spain	-	-	-	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-	-	-
Syria	-	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	-	-	-	-	-	-	-	-	-	-	-
United Kingdom	-	-	-	-	-	-	-	-	-	-	-
Vietnam	-	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-	-	-
Yemen	-	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	0	-	-	0	0
Total	-	-	-	-	-	-	38	-	-	21	59
Persian Gulf³	-	-	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 42. PAD District 2 - Imports of Crude Oil and Petroleum Products by Country of Origin, December 2015
(Thousand Barrels) — Continued

Country of Origin	Kerosene	Finished Aviation Gasoline	Aviation Gasoline Blending Components	Kerosene-Type Jet Fuel	Special Naphthas	Residual Fuel Oil			
						Less than 0.31 % sulfur	0.31 to 1.00 % sulfur	Greater than 1.00 % sulfur	Total
OPEC	-	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-
Non-OPEC	-	-	-	-	39	-	46	100	146
Argentina	-	-	-	-	-	-	-	-	-
Aruba	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	-	-	-	-	-
Brazil	-	-	-	-	-	-	-	-	-
Brunei	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-
Canada	-	-	-	-	39	-	46	100	146
Chad	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	-	-	-	-
Colombia	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-
Denmark	-	-	-	-	-	-	-	-	-
Egypt	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-
France	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-
Germany	-	-	-	-	-	-	-	-	-
Guatemala	-	-	-	-	-	-	-	-	-
India	-	-	-	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-
Italy	-	-	-	-	-	-	-	-	-
Korea, South	-	-	-	-	-	-	-	-	-
Latvia	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-
Mexico	-	-	-	-	-	-	-	-	-
Netherlands	-	-	-	-	-	-	-	-	-
Netherlands Antilles	-	-	-	-	-	-	-	-	-
Norway	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-
Portugal	-	-	-	-	-	-	-	-	-
Russia	-	-	-	-	-	-	-	-	-
Spain	-	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-
Syria	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	-	-	-	-	-	-	-	-	-
United Kingdom	-	-	-	-	-	-	-	-	-
Vietnam	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-
Yemen	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	0	-	0	0	0
Total	-	-	-	-	39	-	46	100	146
Persian Gulf³	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 42. PAD District 2 - Imports of Crude Oil and Petroleum Products by Country of Origin, December 2015
(Thousand Barrels) — Continued

Country of Origin	Petrochemical Feedstocks		Waxes	Petroleum Coke	Asphalt and Road Oil	Lubricants	Miscellaneous Products	Total Products	Total Crude Oil and Products	Daily Average		
	Naphtha	Other Oils								Crude Oil	Products	Total
OPEC	—	—	—	—	—	—	—	—	1,337	43	—	43
Algeria	—	—	—	—	—	—	—	—	—	—	—	—
Angola	—	—	—	—	—	—	—	—	—	—	—	—
Ecuador	—	—	—	—	—	—	—	—	—	—	—	—
Iran	—	—	—	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	—	—	—	—	—	—	—
Kuwait	—	—	—	—	—	—	—	—	—	—	—	—
Libya	—	—	—	—	—	—	—	—	—	—	—	—
Nigeria	—	—	—	—	—	—	—	—	—	—	—	—
Qatar	—	—	—	—	—	—	—	—	—	—	—	—
Saudi Arabia	—	—	—	—	—	—	—	—	1,337	43	—	43
United Arab Emirates	—	—	—	—	—	—	—	—	—	—	—	—
Venezuela	—	—	—	—	—	—	—	—	—	—	—	—
Non-OPEC	81	51	7	6	184	187	—	3,480	75,718	2,330	112	2,443
Argentina	—	—	—	—	—	—	—	—	—	—	—	—
Aruba	—	—	—	—	—	—	—	—	—	—	—	—
Australia	—	—	—	—	—	—	—	—	—	—	—	—
Bahamas	—	—	—	—	—	—	—	—	—	—	—	—
Bahrain	—	—	—	—	—	—	—	—	—	—	—	—
Belgium	—	—	—	—	—	—	—	—	—	—	—	—
Brazil	—	—	—	—	—	—	—	—	—	—	—	—
Brunei	—	—	—	—	—	—	—	—	—	—	—	—
Cameroon	—	—	—	—	—	—	—	—	—	—	—	—
Canada	81	51	7	6	184	187	—	3,480	75,718	2,330	112	2,443
Chad	—	—	—	—	—	—	—	—	—	—	—	—
China	—	—	—	—	—	—	—	—	—	—	—	—
Colombia	—	—	—	—	—	—	—	—	—	—	—	—
Congo (Brazzaville)	—	—	—	—	—	—	—	—	—	—	—	—
Denmark	—	—	—	—	—	—	—	—	—	—	—	—
Egypt	—	—	—	—	—	—	—	—	—	—	—	—
Equatorial Guinea	—	—	—	—	—	—	—	—	—	—	—	—
Estonia	—	—	—	—	—	—	—	—	—	—	—	—
Finland	—	—	—	—	—	—	—	—	—	—	—	—
France	—	—	—	—	—	—	—	—	—	—	—	—
Gabon	—	—	—	—	—	—	—	—	—	—	—	—
Germany	—	—	—	—	—	—	—	—	—	—	—	—
Guatemala	—	—	—	—	—	—	—	—	—	—	—	—
India	—	—	—	—	—	—	—	—	—	—	—	—
Indonesia	—	—	—	—	—	—	—	—	—	—	—	—
Italy	—	—	—	—	—	—	—	—	—	—	—	—
Korea, South	—	—	—	—	—	—	—	—	—	—	—	—
Latvia	—	—	—	—	—	—	—	—	—	—	—	—
Lithuania	—	—	—	—	—	—	—	—	—	—	—	—
Malaysia	—	—	—	—	—	—	—	—	—	—	—	—
Mexico	—	—	—	—	—	—	—	—	—	—	—	—
Netherlands	—	—	—	—	—	—	—	—	—	—	—	—
Netherlands Antilles	—	—	—	—	—	—	—	—	—	—	—	—
Norway	—	—	—	—	—	—	—	—	—	—	—	—
Oman	—	—	—	—	—	—	—	—	—	—	—	—
Portugal	—	—	—	—	—	—	—	—	—	—	—	—
Russia	—	—	—	—	—	—	—	—	—	—	—	—
Spain	—	—	—	—	—	—	—	—	—	—	—	—
Sweden	—	—	—	—	—	—	—	—	—	—	—	—
Syria	—	—	—	—	—	—	—	—	—	—	—	—
Trinidad and Tobago	—	—	—	—	—	—	—	—	—	—	—	—
United Kingdom	—	—	—	—	—	—	—	—	—	—	—	—
Vietnam	—	—	—	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S.	—	—	—	—	—	—	—	—	—	—	—	—
Yemen	—	—	—	—	—	—	—	—	—	—	—	—
Other	0	0	0	0	0	0	—	0	0	0	0	0
Total	81	51	7	6	184	187	—	3,480	77,055	2,373	112	2,486
Persian Gulf³	—	—	—	—	—	—	—	—	1,337	43	—	43

— = No Data Reported.

¹ Crude oil and unfinished oils are reported by PAD District of processing; all other products are reported by PAD District of Entry.

² Includes crude oil imported for storage in the Strategic Petroleum Reserve.

³ Includes Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and United Arab Emirates.

Note: Totals may not equal sum of components due to independent rounding.

Source: Energy Information Administration (EIA) Form EIA-814, "Monthly Imports Report."

Table 43. PAD District 3 - Imports of Crude Oil and Petroleum Products by Country of Origin, December 2015
(Thousand Barrels)

Country of Origin	Crude Oil ^{1,2}	Pentanes Plus	Liquefied Petroleum Gases	Unfinished Oils ¹	Finished Motor Gasoline			Motor Gasoline Blending Components		
					Reformulated	Conventional	Total	Reformulated	Conventional	Total
OPEC	66,463	—	—	3,175	—	—	—	—	—	—
Algeria	—	—	—	2,282	—	—	—	—	—	—
Angola	1,436	—	—	376	—	—	—	—	—	—
Ecuador	1,031	—	—	—	—	—	—	—	—	—
Iran	—	—	—	—	—	—	—	—	—	—
Iraq	13,327	—	—	—	—	—	—	—	—	—
Kuwait	3,856	—	—	—	—	—	—	—	—	—
Libya	—	—	—	208	—	—	—	—	—	—
Nigeria	293	—	—	—	—	—	—	—	—	—
Qatar	—	—	—	—	—	—	—	—	—	—
Saudi Arabia	21,335	—	—	—	—	—	—	—	—	—
United Arab Emirates	—	—	—	309	—	—	—	—	—	—
Venezuela	25,185	—	—	—	—	—	—	—	—	—
Non-OPEC	41,478	315	53	9,134	—	59	59	—	150	150
Argentina	—	—	—	—	—	—	—	—	34	34
Aruba	—	—	—	—	—	—	—	—	—	—
Australia	—	—	—	—	—	—	—	—	—	—
Bahamas	—	—	—	—	—	—	—	—	—	—
Bahrain	—	—	—	—	—	—	—	—	—	—
Belgium	—	—	—	1,986	—	—	—	—	—	—
Brazil	4,685	—	18	—	—	59	59	—	41	41
Brunei	—	—	—	—	—	—	—	—	—	—
Cameroon	—	—	—	—	—	—	—	—	—	—
Canada	10,079	—	—	630	—	—	—	—	—	—
Chad	949	—	—	—	—	—	—	—	—	—
China	—	—	—	—	—	—	—	—	—	—
Colombia	4,730	—	—	412	—	—	—	—	—	—
Congo (Brazzaville)	—	—	—	—	—	—	—	—	—	—
Denmark	—	—	—	—	—	—	—	—	—	—
Egypt	—	—	—	—	—	—	—	—	—	—
Equatorial Guinea	—	—	—	—	—	—	—	—	—	—
Estonia	—	—	—	—	—	—	—	—	—	—
Finland	—	—	—	—	—	—	—	—	—	—
France	—	—	—	1,522	—	—	—	—	—	—
Gabon	—	—	—	—	—	—	—	—	—	—
Germany	—	—	—	—	—	—	—	—	—	—
Guatemala	259	—	—	—	—	—	—	—	—	—
India	—	—	—	—	—	—	—	—	—	—
Indonesia	—	—	—	—	—	—	—	—	—	—
Italy	—	—	—	195	—	—	—	—	—	—
Korea, South	—	—	—	—	—	—	—	—	—	—
Latvia	—	—	—	—	—	—	—	—	—	—
Lithuania	—	—	—	—	—	—	—	—	—	—
Malaysia	—	—	—	—	—	—	—	—	—	—
Mexico	20,487	—	35	—	—	—	—	—	75	75
Netherlands	—	—	—	158	—	—	—	—	—	—
Netherlands Antilles	—	—	—	—	—	—	—	—	—	—
Norway	—	—	—	379	—	—	—	—	—	—
Oman	—	—	—	—	—	—	—	—	—	—
Portugal	—	—	—	—	—	—	—	—	—	—
Russia	—	—	—	3,852	—	—	—	—	—	—
Spain	—	—	—	—	—	—	—	—	—	—
Sweden	—	—	—	—	—	—	—	—	—	—
Syria	—	—	—	—	—	—	—	—	—	—
Trinidad and Tobago	6	—	—	—	—	—	—	—	—	—
United Kingdom	—	—	—	—	—	—	—	—	—	—
Vietnam	—	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S.	—	—	—	—	—	—	—	—	—	—
Yemen	—	—	—	—	—	—	—	—	—	—
Other	283	315	0	0	—	0	0	—	0	0
Total	107,941	315	53	12,309	—	59	59	—	150	150
Persian Gulf³	38,518	—	—	309	—	—	—	—	—	—

See footnotes at end of table.

Table 43. PAD District 3 - Imports of Crude Oil and Petroleum Products by Country of Origin, December 2015
(Thousand Barrels) — Continued

Country of Origin	Oxygenates		Renewable Fuels				Distillate Fuel Oil				Total
	Methyl Tertiary Butyl Ether (MTBE)	Other Oxygenates	Fuel Ethanol	Biomass-Based Diesel	Other Renewable Diesel	Other Renewable Fuels	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	501 to 2000 ppm	Greater than 2000 ppm	
OPEC	—	—	—	—	—	—	—	—	—	—	—
Algeria	—	—	—	—	—	—	—	—	—	—	—
Angola	—	—	—	—	—	—	—	—	—	—	—
Ecuador	—	—	—	—	—	—	—	—	—	—	—
Iran	—	—	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	—	—	—	—	—	—
Kuwait	—	—	—	—	—	—	—	—	—	—	—
Libya	—	—	—	—	—	—	—	—	—	—	—
Nigeria	—	—	—	—	—	—	—	—	—	—	—
Qatar	—	—	—	—	—	—	—	—	—	—	—
Saudi Arabia	—	—	—	—	—	—	—	—	—	—	—
United Arab Emirates	—	—	—	—	—	—	—	—	—	—	—
Venezuela	—	—	—	—	—	—	—	—	—	—	—
Non-OPEC	44	—	—	421	—	—	—	—	601	—	601
Argentina	44	—	—	329	—	—	—	—	—	—	—
Aruba	—	—	—	—	—	—	—	—	—	—	—
Australia	—	—	—	—	—	—	—	—	—	—	—
Bahamas	—	—	—	—	—	—	—	—	—	—	—
Bahrain	—	—	—	—	—	—	—	—	—	—	—
Belgium	—	—	—	—	—	—	—	—	—	—	—
Brazil	—	—	—	—	—	—	—	—	—	—	—
Brunei	—	—	—	—	—	—	—	—	—	—	—
Cameroon	—	—	—	—	—	—	—	—	—	—	—
Canada	—	—	—	—	—	—	—	—	339	—	339
Chad	—	—	—	—	—	—	—	—	—	—	—
China	—	—	—	—	—	—	—	—	—	—	—
Colombia	—	—	—	—	—	—	—	—	—	—	—
Congo (Brazzaville)	—	—	—	—	—	—	—	—	—	—	—
Denmark	—	—	—	—	—	—	—	—	—	—	—
Egypt	—	—	—	—	—	—	—	—	—	—	—
Equatorial Guinea	—	—	—	—	—	—	—	—	—	—	—
Estonia	—	—	—	—	—	—	—	—	—	—	—
Finland	—	—	—	—	—	—	—	—	—	—	—
France	—	—	—	—	—	—	—	—	—	—	—
Gabon	—	—	—	—	—	—	—	—	—	—	—
Germany	—	—	—	—	—	—	—	—	—	—	—
Guatemala	—	—	—	—	—	—	—	—	—	—	—
India	—	—	—	—	—	—	—	—	—	—	—
Indonesia	—	—	—	92	—	—	—	—	—	—	—
Italy	—	—	—	—	—	—	—	—	—	—	—
Korea, South	—	—	—	—	—	—	—	—	—	—	—
Latvia	—	—	—	—	—	—	—	—	—	—	—
Lithuania	—	—	—	—	—	—	—	—	—	—	—
Malaysia	—	—	—	—	—	—	—	—	—	—	—
Mexico	—	—	—	—	—	—	—	—	—	—	—
Netherlands	—	—	—	—	—	—	—	—	—	—	—
Netherlands Antilles	—	—	—	—	—	—	—	—	—	—	—
Norway	—	—	—	—	—	—	—	—	—	—	—
Oman	—	—	—	—	—	—	—	—	—	—	—
Portugal	—	—	—	—	—	—	—	—	—	—	—
Russia	—	—	—	—	—	—	—	—	262	—	262
Spain	—	—	—	—	—	—	—	—	—	—	—
Sweden	—	—	—	—	—	—	—	—	—	—	—
Syria	—	—	—	—	—	—	—	—	—	—	—
Trinidad and Tobago	—	—	—	—	—	—	—	—	—	—	—
United Kingdom	—	—	—	—	—	—	—	—	—	—	—
Vietnam	—	—	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S.	—	—	—	—	—	—	—	—	—	—	—
Yemen	—	—	—	—	—	—	—	—	—	—	—
Other	0	—	—	0	—	—	—	—	0	—	0
Total	44	—	—	421	—	—	—	—	601	—	601
Persian Gulf³	—	—	—	—	—	—	—	—	—	—	—

See footnotes at end of table.

Table 43. PAD District 3 - Imports of Crude Oil and Petroleum Products by Country of Origin, December 2015
(Thousand Barrels) — Continued

Country of Origin	Kerosene	Finished Aviation Gasoline	Aviation Gasoline Blending Components	Kerosene-Type Jet Fuel	Special Naphthas	Residual Fuel Oil			
						Less than 0.31 % sulfur	0.31 to 1.00 % sulfur	Greater than 1.00 % sulfur	Total
OPEC	—	—	—	—	—	146	—	539	685
Algeria	—	—	—	—	—	—	—	—	—
Angola	—	—	—	—	—	—	—	—	—
Ecuador	—	—	—	—	—	—	—	—	—
Iran	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	—	—	—	—
Kuwait	—	—	—	—	—	—	—	—	—
Libya	—	—	—	—	—	—	—	177	177
Nigeria	—	—	—	—	—	—	—	—	—
Qatar	—	—	—	—	—	—	—	—	—
Saudi Arabia	—	—	—	—	—	—	—	—	—
United Arab Emirates	—	—	—	—	—	—	—	—	—
Venezuela	—	—	—	—	—	146	—	362	508
Non-OPEC	—	—	—	—	273	—	—	843	843
Argentina	—	—	—	—	—	—	—	—	—
Aruba	—	—	—	—	—	—	—	—	—
Australia	—	—	—	—	—	—	—	—	—
Bahamas	—	—	—	—	—	—	—	—	—
Bahrain	—	—	—	—	—	—	—	—	—
Belgium	—	—	—	—	—	—	—	—	—
Brazil	—	—	—	—	62	—	—	—	—
Brunei	—	—	—	—	—	—	—	—	—
Cameroon	—	—	—	—	—	—	—	—	—
Canada	—	—	—	—	—	—	—	—	—
Chad	—	—	—	—	—	—	—	—	—
China	—	—	—	—	—	—	—	—	—
Colombia	—	—	—	—	—	—	—	361	361
Congo (Brazzaville)	—	—	—	—	—	—	—	—	—
Denmark	—	—	—	—	—	—	—	—	—
Egypt	—	—	—	—	—	—	—	—	—
Equatorial Guinea	—	—	—	—	—	—	—	—	—
Estonia	—	—	—	—	—	—	—	—	—
Finland	—	—	—	—	—	—	—	—	—
France	—	—	—	—	—	—	—	—	—
Gabon	—	—	—	—	—	—	—	—	—
Germany	—	—	—	—	—	—	—	—	—
Guatemala	—	—	—	—	—	—	—	—	—
India	—	—	—	—	—	—	—	—	—
Indonesia	—	—	—	—	—	—	—	—	—
Italy	—	—	—	—	—	—	—	—	—
Korea, South	—	—	—	—	97	—	—	—	—
Latvia	—	—	—	—	—	—	—	—	—
Lithuania	—	—	—	—	—	—	—	—	—
Malaysia	—	—	—	—	—	—	—	—	—
Mexico	—	—	—	—	—	—	—	482	482
Netherlands	—	—	—	—	—	—	—	—	—
Netherlands Antilles	—	—	—	—	—	—	—	—	—
Norway	—	—	—	—	—	—	—	—	—
Oman	—	—	—	—	—	—	—	—	—
Portugal	—	—	—	—	—	—	—	—	—
Russia	—	—	—	—	—	—	—	—	—
Spain	—	—	—	—	—	—	—	—	—
Sweden	—	—	—	—	—	—	—	—	—
Syria	—	—	—	—	—	—	—	—	—
Trinidad and Tobago	—	—	—	—	—	—	—	—	—
United Kingdom	—	—	—	—	—	—	—	—	—
Vietnam	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S.	—	—	—	—	—	—	—	—	—
Yemen	—	—	—	—	—	—	—	—	—
Other	—	—	—	—	114	0	—	0	0
Total	—	—	—	—	273	146	—	1,382	1,528
Persian Gulf³	—	—	—	—	—	—	—	—	—

See footnotes at end of table.

Table 43. PAD District 3 - Imports of Crude Oil and Petroleum Products by Country of Origin, December 2015
(Thousand Barrels) — Continued

Country of Origin	Petrochemical Feedstocks		Waxes	Petroleum Coke	Asphalt and Road Oil	Lubricants	Miscellaneous Products	Total Products	Total Crude Oil and Products	Daily Average		
	Naphtha	Other Oils								Crude Oil	Products	Total
OPEC	87	—	—	—	—	—	—	3,947	70,410	2,144	127	2,271
Algeria	—	—	—	—	—	—	—	2,282	2,282	—	74	74
Angola	—	—	—	—	—	—	—	376	1,812	46	12	58
Ecuador	—	—	—	—	—	—	—	—	1,031	33	—	33
Iran	—	—	—	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	—	—	—	13,327	430	—	430
Kuwait	—	—	—	—	—	—	—	—	3,856	124	—	124
Libya	—	—	—	—	—	—	—	385	385	—	12	12
Nigeria	—	—	—	—	—	—	—	—	293	9	—	9
Qatar	—	—	—	—	—	—	—	—	—	—	—	—
Saudi Arabia	87	—	—	—	—	—	—	87	21,422	688	3	691
United Arab Emirates	—	—	—	—	—	—	—	309	309	—	10	10
Venezuela	—	—	—	—	—	—	—	508	25,693	812	16	829
Non-OPEC	820	80	20	24	—	295	—	13,149	54,627	1,338	424	1,762
Argentina	39	—	—	—	—	2	—	448	448	—	14	14
Aruba	—	—	—	—	—	—	—	—	—	—	—	—
Australia	—	—	—	—	—	—	—	—	—	—	—	—
Bahamas	—	—	—	—	—	—	—	—	—	—	—	—
Bahrain	—	—	—	—	—	77	—	77	77	—	2	2
Belgium	21	—	—	—	—	5	—	2,012	2,012	—	65	65
Brazil	40	—	—	—	—	—	—	220	4,905	151	7	158
Brunei	—	—	—	—	—	—	—	—	—	—	—	—
Cameroon	—	—	—	—	—	—	—	—	—	—	—	—
Canada	—	47	—	—	—	—	—	1,016	11,095	325	33	358
Chad	—	—	—	—	—	—	—	—	949	31	—	31
China	—	—	—	—	—	—	—	—	—	—	—	—
Colombia	—	—	—	—	—	—	—	773	5,503	153	25	178
Congo (Brazzaville)	—	—	—	—	—	—	—	—	—	—	—	—
Denmark	—	—	—	—	—	—	—	—	—	—	—	—
Egypt	—	—	—	—	—	—	—	—	—	—	—	—
Equatorial Guinea	—	—	—	—	—	—	—	—	—	—	—	—
Estonia	—	—	—	—	—	—	—	—	—	—	—	—
Finland	—	—	—	—	—	—	—	—	—	—	—	—
France	—	33	—	—	—	1	—	1,556	1,556	—	50	50
Gabon	—	—	—	—	—	—	—	—	—	—	—	—
Germany	10	—	—	—	—	6	—	16	16	—	1	1
Guatemala	—	—	—	—	—	—	—	—	259	8	—	8
India	—	—	—	—	—	—	—	—	—	—	—	—
Indonesia	—	—	—	—	—	—	—	92	92	—	3	3
Italy	—	—	20	—	—	5	—	223	223	—	7	7
Korea, South	64	—	—	—	—	176	—	337	337	—	11	11
Latvia	—	—	—	—	—	—	—	—	—	—	—	—
Lithuania	—	—	—	—	—	—	—	—	—	—	—	—
Malaysia	—	—	—	—	—	—	—	—	—	—	—	—
Mexico	522	—	—	—	—	—	—	1,114	21,601	661	36	697
Netherlands	78	—	—	—	—	—	—	246	246	—	8	8
Netherlands Antilles	—	—	—	—	—	—	—	—	—	—	—	—
Norway	—	—	—	—	—	—	—	379	379	—	12	12
Oman	—	—	—	—	—	—	—	—	—	—	—	—
Portugal	—	—	—	—	—	—	—	—	—	—	—	—
Russia	—	—	—	—	—	—	—	4,114	4,114	—	133	133
Spain	—	—	—	—	—	—	—	—	—	—	—	—
Sweden	—	—	—	—	—	—	—	—	—	—	—	—
Syria	—	—	—	—	—	—	—	—	—	—	—	—
Trinidad and Tobago	—	—	—	—	—	—	—	—	6	0	—	0
United Kingdom	—	—	—	8	—	5	—	13	13	—	0	0
Vietnam	—	—	—	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S.	—	—	—	—	—	—	—	—	—	—	—	—
Yemen	—	—	—	—	—	—	—	—	—	—	—	—
Other	46	0	0	16	—	18	—	513	796	9	17	26
Total	907	80	20	24	—	295	—	17,096	125,037	3,482	551	4,033
Persian Gulf³	87	—	—	—	—	77	—	473	38,991	1,243	15	1,258

— = No Data Reported.

¹ Crude oil and unfinished oils are reported by PAD District of processing; all other products are reported by PAD District of Entry.

² Includes crude oil imported for storage in the Strategic Petroleum Reserve.

³ Includes Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and United Arab Emirates.

Note: Totals may not equal sum of components due to independent rounding.

Source: Energy Information Administration (EIA) Form EIA-814, "Monthly Imports Report."

Table 44. PAD District 4 and 5 - Imports of Crude Oil and Petroleum Products by Country of Origin, December 2015
(Thousand Barrels)

Country of Origin	Crude Oil ^{1,2}	Pentanes Plus	Liquefied Petroleum Gases	Unfinished Oils ¹	Finished Motor Gasoline			Motor Gasoline Blending Components		
					Reformulated	Conventional	Total	Reformulated	Conventional	Total
	PAD District 4									
OPEC	-	-	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-
Non-OPEC	8,401	-	670	-	-	-	-	-	12	12
Canada	8,401	-	670	-	-	-	-	-	12	12
Other	0	-	0	-	-	-	-	-	0	0
Total	8,401	-	670	-	-	-	-	-	12	12
	PAD District 5									
OPEC	19,267	-	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-	-
Angola	1,534	-	-	-	-	-	-	-	-	-
Ecuador	5,066	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-
Iraq	517	-	-	-	-	-	-	-	-	-
Kuwait	2,116	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	9,929	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-
Venezuela	105	-	-	-	-	-	-	-	-	-
Non-OPEC	12,968	-	356	192	-	90	90	-	1,234	1,234
Argentina	839	-	54	-	-	-	-	-	-	-
Aruba	-	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-
Brazil	1,288	-	-	-	-	-	-	-	-	-
Brunei	-	-	-	-	-	-	-	-	-	-
Canada	5,684	-	302	-	-	90	90	-	341	341
China	-	-	-	-	-	-	-	-	-	-
Colombia	2,343	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-	-
Germany	-	-	-	1	-	-	-	-	-	-
Indonesia	1,348	-	-	-	-	-	-	-	-	-
Japan	-	-	-	-	-	-	-	-	-	-
Korea, South	-	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-	-
Mexico	-	-	-	-	-	-	-	-	-	-
Netherlands	-	-	-	-	-	-	-	-	-	-
Netherlands Antilles	-	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-	-
Papua New Guinea	-	-	-	-	-	-	-	-	-	-
Peru	-	-	-	-	-	-	-	-	-	-
Singapore	-	-	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-	-
Taiwan	-	-	-	-	-	-	-	-	240	240
United Kingdom	-	-	-	-	-	-	-	-	653	653
Vietnam	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-	-
Other	1,466	-	0	191	-	0	0	-	0	0
Total	32,235	-	356	192	-	90	90	-	1,234	1,234
Persian Gulf ³	12,562	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 44. PAD District 4 and 5 - Imports of Crude Oil and Petroleum Products by Country of Origin, December 2015
(Thousand Barrels) — Continued

Country of Origin	Oxygenates		Renewable Fuels				Distillate Fuel Oil				
	Methyl Tertiary Butyl Ether (MTBE)	Other Oxygenates	Fuel Ethanol	Biomass-Based Diesel	Other Renewable Diesel	Other Renewable Fuels	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	501 to 2000 ppm	Greater than 2000 ppm	Total
	PAD District 4										
OPEC	-	-	-	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-	-
Non-OPEC	-	-	-	5	-	-	1	-	-	-	1
Canada	-	-	-	5	-	-	1	-	-	-	1
Other	-	-	-	0	-	-	0	-	-	-	0
Total	-	-	-	5	-	-	1	-	-	-	1
	PAD District 5										
OPEC	-	-	-	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-	-
Non-OPEC	-	-	223	22	349	-	73	-	36	-	109
Argentina	-	-	-	-	-	-	-	-	-	-	-
Aruba	-	-	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-	-
Brazil	-	-	223	-	-	-	-	-	-	-	-
Brunei	-	-	-	-	-	-	-	-	-	-	-
Canada	-	-	-	1	-	-	73	-	36	-	109
China	-	-	-	-	-	-	-	-	-	-	-
Colombia	-	-	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-	-	-
Germany	-	-	-	-	-	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-	-	-
Japan	-	-	-	-	-	-	-	-	-	-	-
Korea, South	-	-	-	21	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-	-	-
Mexico	-	-	-	-	-	-	-	-	-	-	-
Netherlands	-	-	-	-	-	-	-	-	-	-	-
Netherlands Antilles	-	-	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-	-	-
Papua New Guinea	-	-	-	-	-	-	-	-	-	-	-
Peru	-	-	-	-	-	-	-	-	-	-	-
Singapore	-	-	-	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-	-	-
Taiwan	-	-	-	-	-	-	-	-	-	-	-
United Kingdom	-	-	-	-	-	-	-	-	-	-	-
Vietnam	-	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-	-	-
Other	-	-	0	0	349	-	0	-	0	-	0
Total	-	-	223	22	349	-	73	-	36	-	109
Persian Gulf ³	-	-	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 44. PAD District 4 and 5 - Imports of Crude Oil and Petroleum Products by Country of Origin, December 2015
(Thousand Barrels) — Continued

Country of Origin			Aviation Gasoline Blending Components	Kerosene-Type Jet Fuel	Special Naphthas	Residual Fuel Oil			
						Less than 0.31 % sulfur	0.31 to 1.00 % sulfur	Greater than 1.00 % sulfur	Total
	PAD District 4								
OPEC	—	—	—	—	—	—	—	—	—
Algeria	—	—	—	—	—	—	—	—	—
Angola	—	—	—	—	—	—	—	—	—
Ecuador	—	—	—	—	—	—	—	—	—
Iran	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	—	—	—	—
Kuwait	—	—	—	—	—	—	—	—	—
Libya	—	—	—	—	—	—	—	—	—
Nigeria	—	—	—	—	—	—	—	—	—
Qatar	—	—	—	—	—	—	—	—	—
Saudi Arabia	—	—	—	—	—	—	—	—	—
United Arab Emirates	—	—	—	—	—	—	—	—	—
Venezuela	—	—	—	—	—	—	—	—	—
Non-OPEC	—	—	—	—	—	—	—	—	—
Canada	—	—	—	—	—	—	—	—	—
Other	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—
	PAD District 5								
OPEC	—	—	—	—	—	—	—	—	—
Algeria	—	—	—	—	—	—	—	—	—
Angola	—	—	—	—	—	—	—	—	—
Ecuador	—	—	—	—	—	—	—	—	—
Iran	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	—	—	—	—
Kuwait	—	—	—	—	—	—	—	—	—
Libya	—	—	—	—	—	—	—	—	—
Nigeria	—	—	—	—	—	—	—	—	—
Qatar	—	—	—	—	—	—	—	—	—
Saudi Arabia	—	—	—	—	—	—	—	—	—
United Arab Emirates	—	—	—	—	—	—	—	—	—
Venezuela	—	—	—	—	—	—	—	—	—
Non-OPEC	—	—	—	1,961	—	91	11	1,892	1,994
Argentina	—	—	—	—	—	—	—	—	—
Aruba	—	—	—	—	—	—	—	—	—
Australia	—	—	—	—	—	—	—	—	—
Brazil	—	—	—	—	—	—	—	—	—
Brunei	—	—	—	—	—	—	—	—	—
Canada	—	—	—	42	—	91	11	802	904
China	—	—	—	—	—	—	—	—	—
Colombia	—	—	—	—	—	—	—	—	—
Finland	—	—	—	—	—	—	—	—	—
Germany	—	—	—	—	—	—	—	—	—
Indonesia	—	—	—	—	—	—	—	—	—
Japan	—	—	—	—	—	—	—	—	—
Korea, South	—	—	—	1,919	—	—	—	—	—
Malaysia	—	—	—	—	—	—	—	—	—
Mexico	—	—	—	—	—	—	—	538	538
Netherlands	—	—	—	—	—	—	—	—	—
Netherlands Antilles	—	—	—	—	—	—	—	—	—
Oman	—	—	—	—	—	—	—	—	—
Papua New Guinea	—	—	—	—	—	—	—	—	—
Peru	—	—	—	—	—	—	—	—	—
Singapore	—	—	—	—	—	—	—	—	—
Sweden	—	—	—	—	—	—	—	—	—
Taiwan	—	—	—	—	—	—	—	—	—
United Kingdom	—	—	—	—	—	—	—	—	—
Vietnam	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S.	—	—	—	—	—	—	—	—	—
Other	—	—	—	0	—	0	0	552	552
Total	—	—	—	1,961	—	91	11	1,892	1,994
Persian Gulf ³	—	—	—	—	—	—	—	—	—

See footnotes at end of table.

Table 44. PAD District 4 and 5 - Imports of Crude Oil and Petroleum Products by Country of Origin, December 2015
(Thousand Barrels) — Continued

Country of Origin	Petrochemical Feedstocks								Total Crude Oil and Products	Daily Average		
	Naphtha	Other Oils								Crude Oil	Products	Total
	PAD District 4											
OPEC	—	—	—	—	—	—	—	—	—	—	—	—
Algeria	—	—	—	—	—	—	—	—	—	—	—	—
Angola	—	—	—	—	—	—	—	—	—	—	—	—
Ecuador	—	—	—	—	—	—	—	—	—	—	—	—
Iran	—	—	—	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	—	—	—	—	—	—	—
Kuwait	—	—	—	—	—	—	—	—	—	—	—	—
Libya	—	—	—	—	—	—	—	—	—	—	—	—
Nigeria	—	—	—	—	—	—	—	—	—	—	—	—
Qatar	—	—	—	—	—	—	—	—	—	—	—	—
Saudi Arabia	—	—	—	—	—	—	—	—	—	—	—	—
United Arab Emirates	—	—	—	—	—	—	—	—	—	—	—	—
Venezuela	—	—	—	—	—	—	—	—	—	—	—	—
Non-OPEC	—	—	—	—	57	—	2	747	9,148	271	24	295
Canada	—	—	—	—	57	—	2	747	9,148	271	24	295
Other	—	—	—	—	0	—	0	0	0	0	0	0
Total	—	—	—	—	57	—	2	747	9,148	271	24	295
	PAD District 5											
OPEC	—	—	—	—	—	—	—	—	19,267	622	—	622
Algeria	—	—	—	—	—	—	—	—	—	—	—	—
Angola	—	—	—	—	—	—	—	—	1,534	49	—	49
Ecuador	—	—	—	—	—	—	—	—	5,066	163	—	163
Iran	—	—	—	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	—	—	—	517	17	—	17
Kuwait	—	—	—	—	—	—	—	—	2,116	68	—	68
Libya	—	—	—	—	—	—	—	—	—	—	—	—
Nigeria	—	—	—	—	—	—	—	—	—	—	—	—
Qatar	—	—	—	—	—	—	—	—	—	—	—	—
Saudi Arabia	—	—	—	—	—	—	—	—	9,929	320	—	320
United Arab Emirates	—	—	—	—	—	—	—	—	—	—	—	—
Venezuela	—	—	—	—	—	—	—	—	105	3	—	3
Non-OPEC	34	—	15	—	98	11	—	6,688	19,656	418	216	634
Argentina	—	—	—	—	—	—	—	54	893	27	2	29
Aruba	—	—	—	—	—	—	—	—	—	—	—	—
Australia	—	—	—	—	—	—	—	—	—	—	—	—
Brazil	—	—	—	—	—	—	—	223	1,511	42	7	49
Brunei	—	—	—	—	—	—	—	—	—	—	—	—
Canada	—	—	—	—	98	10	—	1,897	7,581	183	61	245
China	—	—	14	—	—	—	—	14	14	—	0	0
Colombia	—	—	—	—	—	—	—	—	2,343	76	—	76
Finland	—	—	—	—	—	—	—	—	—	—	—	—
Germany	—	—	—	—	—	—	—	1	1	—	0	0
Indonesia	—	—	1	—	—	—	—	1	1,349	43	0	44
Japan	—	—	—	—	—	1	—	1	1	—	0	0
Korea, South	—	—	—	—	—	—	—	1,940	1,940	—	63	63
Malaysia	—	—	—	—	—	—	—	—	—	—	—	—
Mexico	—	—	—	—	—	—	—	538	538	—	17	17
Netherlands	—	—	—	—	—	—	—	—	—	—	—	—
Netherlands Antilles	—	—	—	—	—	—	—	—	—	—	—	—
Oman	—	—	—	—	—	—	—	—	—	—	—	—
Papua New Guinea	—	—	—	—	—	—	—	—	—	—	—	—
Peru	—	—	—	—	—	—	—	—	—	—	—	—
Singapore	—	—	—	—	—	—	—	349	349	—	11	11
Sweden	—	—	—	—	—	—	—	—	—	—	—	—
Taiwan	34	—	—	—	—	—	—	274	274	—	9	9
United Kingdom	—	—	—	—	—	—	—	653	653	—	21	21
Vietnam	—	—	—	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S.	—	—	—	—	—	—	—	—	—	—	—	—
Other	0	—	0	—	0	0	—	743	2,209	47	25	70
Total	34	—	15	—	98	11	—	6,688	38,923	1,040	216	1,256
Persian Gulf ³	—	—	—	—	—	—	—	—	12,562	405	—	405

— = No Data Reported.

¹ Crude oil and unfinished oils are reported by PAD District of processing; all other products are reported by PAD District of Entry.

² Includes crude oil imported for storage in the Strategic Petroleum Reserve.

³ Includes Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and United Arab Emirates.

Note: Totals may not equal sum of components due to independent rounding.

Source: Energy Information Administration (EIA) Form EIA-814, "Monthly Imports Report."

Table 45. PAD District 1 - Year-to-Date Imports of Crude Oil and Petroleum Products by Country of Origin, January-December 2015
(Thousand Barrels)

Country of Origin	Crude Oil ^{1,2}	Pentanes Plus	Liquefied Petroleum Gases	Unfinished Oils ¹	Finished Motor Gasoline			Motor Gasoline Blending Components		
					Reformulated	Conventional	Total	Reformulated	Conventional	Total
OPEC	63,102	—	—	3,602	—	1,051	1,051	280	15,140	15,420
Algeria	—	—	—	2,793	—	—	—	—	—	—
Angola	17,454	—	—	426	—	—	—	—	—	—
Ecuador	736	—	—	—	—	—	—	—	180	180
Iran	—	—	—	—	—	—	—	—	—	—
Iraq	8,123	—	—	—	—	—	—	—	—	—
Kuwait	—	—	—	—	—	—	—	—	—	—
Libya	730	—	—	—	—	—	—	—	—	—
Nigeria	15,253	—	—	—	—	810	810	36	8,204	8,240
Qatar	—	—	—	—	—	—	—	—	—	—
Saudi Arabia	18,049	—	—	—	—	—	—	—	—	—
United Arab Emirates	—	—	—	—	—	—	—	—	—	—
Venezuela	2,757	—	—	383	—	241	241	244	6,756	7,000
Non-OPEC	176,525	9	16,752	15,397	—	21,629	21,629	60,501	113,498	173,999
Argentina	—	—	—	—	—	—	—	—	186	186
Aruba	—	—	—	—	—	—	—	—	—	—
Australia	661	—	—	—	—	—	—	—	—	—
Bahamas	—	—	—	—	—	1,406	1,406	—	—	—
Bahrain	—	—	—	—	—	—	—	—	—	—
Belgium	—	—	—	897	—	873	873	1,471	5,733	7,204
Brazil	1,586	—	—	8	—	—	—	—	933	933
Brunei	—	—	—	—	—	—	—	—	—	—
Cameroon	—	—	—	—	—	—	—	—	—	—
Canada	92,153	4	15,941	235	—	10,538	10,538	28,557	16,168	44,725
Chad	12,881	—	—	37	—	—	—	—	—	—
China	—	—	—	—	—	—	—	—	—	—
Colombia	27,064	—	—	224	—	—	—	—	252	252
Congo (Brazzaville)	3,061	—	—	4	—	—	—	—	—	—
Denmark	—	—	—	—	—	—	—	—	—	—
Egypt	—	—	—	—	—	—	—	—	96	96
Equatorial Guinea	—	—	—	—	—	—	—	—	—	—
Estonia	—	—	—	398	—	—	—	238	—	238
Finland	—	—	—	—	—	97	97	632	2,580	3,212
France	—	—	—	619	—	1	1	5,075	2,799	7,874
Gabon	2,627	—	—	—	—	—	—	—	—	—
Germany	—	5	—	—	—	33	33	258	382	640
Guatemala	—	—	—	—	—	—	—	—	—	—
India	—	—	—	—	—	302	302	9	13,954	13,963
Indonesia	—	—	—	—	—	—	—	—	—	—
Italy	481	—	—	—	—	312	312	268	1,611	1,879
Korea, South	—	—	—	—	—	—	—	315	155	470
Latvia	—	—	—	—	—	—	—	—	—	—
Lithuania	—	—	—	—	—	309	309	65	—	65
Malaysia	—	—	—	—	—	—	—	—	—	—
Mexico	27,807	—	—	—	—	196	196	—	303	303
Netherlands	—	—	—	224	—	931	931	2,321	5,659	7,980
Netherlands Antilles	—	—	—	—	—	—	—	—	—	—
Norway	1,051	—	411	362	—	807	807	1,853	9,243	11,096
Oman	—	—	—	—	—	—	—	—	—	—
Portugal	—	—	—	—	—	313	313	1,214	6,963	8,177
Russia	—	—	—	7,825	—	288	288	632	10,515	11,147
Spain	—	—	—	144	—	1,634	1,634	167	17,970	18,137
Sweden	—	—	400	—	—	225	225	5	551	556
Syria	—	—	—	—	—	—	—	—	—	—
Trinidad and Tobago	—	—	—	—	—	180	180	—	612	612
United Kingdom	—	—	—	1,210	—	2,843	2,843	17,131	12,185	29,316
Vietnam	—	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S.	—	—	—	—	—	—	—	—	—	—
Yemen	—	—	—	—	—	—	—	—	—	—
Other	7,153	0	0	3,210	—	341	341	290	4,648	4,938
Total	239,627	9	16,752	18,999	—	22,680	22,680	60,781	128,638	189,419
Persian Gulf³	26,172	—	—	—	—	—	—	—	—	—

See footnotes at end of table.

Table 45. PAD District 1 - Year-to-Date Imports of Crude Oil and Petroleum Products by Country of Origin, January-December 2015
(Thousand Barrels) — Continued

Country of Origin	Oxygenates		Renewable Fuels				Distillate Fuel Oil				Total
	Methyl Tertiary Butyl Ether (MTBE)	Other Oxygenates	Fuel Ethanol	Biomass-Based Diesel	Other Renewable Diesel	Other Renewable Fuels	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	501 to 2000 ppm	Greater than 2000 ppm	
OPEC	—	—	—	—	—	—	1,867	—	—	—	1,867
Algeria	—	—	—	—	—	—	—	—	—	—	—
Angola	—	—	—	—	—	—	—	—	—	—	—
Ecuador	—	—	—	—	—	—	—	—	—	—	—
Iran	—	—	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	—	—	—	—	—	—
Kuwait	—	—	—	—	—	—	—	—	—	—	—
Libya	—	—	—	—	—	—	—	—	—	—	—
Nigeria	—	—	—	—	—	—	310	—	—	—	310
Qatar	—	—	—	—	—	—	331	—	—	—	331
Saudi Arabia	—	—	—	—	—	—	1,226	—	—	—	1,226
United Arab Emirates	—	—	—	—	—	—	—	—	—	—	—
Venezuela	—	—	—	—	—	—	—	—	—	—	—
Non-OPEC	—	—	981	4,149	542	—	42,500	4,343	13,198	—	60,041
Argentina	—	—	—	2,849	—	—	198	—	—	—	198
Aruba	—	—	—	—	—	—	—	—	—	—	—
Australia	—	—	—	—	—	—	—	—	—	—	—
Bahamas	—	—	—	—	—	—	—	—	—	—	—
Bahrain	—	—	—	—	—	—	—	—	—	—	—
Belgium	—	—	—	—	—	—	130	—	—	—	130
Brazil	—	—	899	—	—	—	—	—	—	—	—
Brunei	—	—	—	—	—	—	—	—	—	—	—
Cameroon	—	—	—	—	—	—	—	—	—	—	—
Canada	—	—	82	697	—	—	35,612	481	11,818	—	47,911
Chad	—	—	—	—	—	—	—	—	—	—	—
China	—	—	—	—	—	—	—	—	—	—	—
Colombia	—	—	—	—	—	—	—	—	460	—	460
Congo (Brazzaville)	—	—	—	—	—	—	—	—	—	—	—
Denmark	—	—	—	—	—	—	—	—	—	—	—
Egypt	—	—	—	—	—	—	—	—	—	—	—
Equatorial Guinea	—	—	—	—	—	—	—	—	—	—	—
Estonia	—	—	—	—	—	—	—	—	—	—	—
Finland	—	—	—	—	—	—	—	—	147	—	147
France	—	—	—	—	—	—	—	—	—	—	—
Gabon	—	—	—	—	—	—	21	—	—	—	21
Germany	—	—	—	76	—	—	—	—	—	—	—
Guatemala	—	—	—	—	—	—	—	—	—	—	—
India	—	—	—	—	—	—	1,397	—	—	—	1,397
Indonesia	—	—	—	526	—	—	—	—	—	—	—
Italy	—	—	—	—	—	—	—	—	—	—	—
Korea, South	—	—	—	1	—	—	—	—	—	—	—
Latvia	—	—	—	—	—	—	92	—	—	—	92
Lithuania	—	—	—	—	—	—	329	—	—	—	329
Malaysia	—	—	—	—	—	—	—	—	—	—	—
Mexico	—	—	—	—	—	—	—	—	—	—	—
Netherlands	—	—	—	—	—	—	582	—	17	—	599
Netherlands Antilles	—	—	—	—	—	—	—	—	—	—	—
Norway	—	—	—	—	—	—	321	—	—	—	321
Oman	—	—	—	—	—	—	—	—	—	—	—
Portugal	—	—	—	—	—	—	—	—	1	—	1
Russia	—	—	—	—	—	—	3,175	3,712	690	—	7,577
Spain	—	—	—	—	—	—	—	—	—	—	—
Sweden	—	—	—	—	—	—	—	—	—	—	—
Syria	—	—	—	—	—	—	—	—	—	—	—
Trinidad and Tobago	—	—	—	—	—	—	—	—	—	—	—
United Kingdom	—	—	—	—	—	—	—	—	—	—	—
Vietnam	—	—	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S.	—	—	—	—	—	—	—	—	—	—	—
Yemen	—	—	—	—	—	—	—	—	—	—	—
Other	—	—	0	0	542	—	643	150	65	—	858
Total	—	—	981	4,149	542	—	44,367	4,343	13,198	—	61,908
Persian Gulf³	—	—	—	—	—	—	1,557	—	—	—	1,557

See footnotes at end of table.

Table 45. PAD District 1 - Year-to-Date Imports of Crude Oil and Petroleum Products by Country of Origin, January-December 2015
(Thousand Barrels) — Continued

Country of Origin	Kerosene	Finished Aviation Gasoline	Aviation Gasoline Blending Components	Kerosene-Type Jet Fuel	Special Naphthas	Residual Fuel Oil			
						Less than 0.31 % sulfur	0.31 to 1.00 % sulfur	Greater than 1.00 % sulfur	Total
OPEC	—	—	—	6,719	—	1,175	240	15	1,430
Algeria	—	—	—	266	—	1,175	—	—	1,175
Angola	—	—	—	—	—	—	—	—	—
Ecuador	—	—	—	—	—	—	—	15	15
Iran	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	—	—	—	—
Kuwait	—	—	—	—	—	—	—	—	—
Libya	—	—	—	—	—	—	—	—	—
Nigeria	—	—	—	—	—	—	240	—	240
Qatar	—	—	—	—	—	—	—	—	—
Saudi Arabia	—	—	—	547	—	—	—	—	—
United Arab Emirates	—	—	—	—	—	—	—	—	—
Venezuela	—	—	—	5,906	—	—	—	—	—
Non-OPEC	1,593	12	—	18,794	—	1,760	6,343	24,256	32,359
Argentina	—	—	—	—	—	—	—	—	—
Aruba	—	—	—	123	—	—	—	—	—
Australia	—	—	—	—	—	—	—	—	—
Bahamas	—	—	—	—	—	—	—	178	178
Bahrain	—	—	—	—	—	—	—	—	—
Belgium	—	—	—	—	—	—	—	—	—
Brazil	—	—	—	—	—	34	872	204	1,110
Brunei	—	—	—	—	—	—	—	—	—
Cameroon	—	—	—	—	—	—	—	—	—
Canada	10	12	—	3,449	—	840	4,113	11,011	15,964
Chad	—	—	—	—	—	—	—	—	—
China	791	—	—	232	—	—	—	—	—
Colombia	—	—	—	—	—	380	—	5,804	6,184
Congo (Brazzaville)	—	—	—	—	—	—	—	—	—
Denmark	—	—	—	—	—	—	358	—	358
Egypt	—	—	—	—	—	—	—	—	—
Equatorial Guinea	—	—	—	—	—	—	—	—	—
Estonia	—	—	—	—	—	—	—	—	—
Finland	—	—	—	—	—	—	—	—	—
France	—	—	—	—	—	—	—	—	—
Gabon	—	—	—	—	—	193	—	—	193
Germany	—	—	—	—	—	—	—	—	—
Guatemala	—	—	—	—	—	—	—	—	—
India	—	—	—	3,276	—	—	—	—	—
Indonesia	—	—	—	—	—	—	—	—	—
Italy	—	—	—	—	—	—	—	—	—
Korea, South	244	—	—	9,107	—	—	—	—	—
Latvia	—	—	—	—	—	—	—	—	—
Lithuania	—	—	—	—	—	—	—	—	—
Malaysia	—	—	—	—	—	—	—	—	—
Mexico	—	—	—	—	—	—	—	1,208	1,208
Netherlands	—	—	—	23	—	—	268	890	1,158
Netherlands Antilles	—	—	—	—	—	—	—	—	—
Norway	—	—	—	—	—	—	—	—	—
Oman	—	—	—	—	—	—	—	—	—
Portugal	—	—	—	—	—	—	—	—	—
Russia	—	—	—	—	—	—	46	2,702	2,748
Spain	—	—	—	—	—	—	—	—	—
Sweden	—	—	—	—	—	—	—	—	—
Syria	—	—	—	—	—	—	—	—	—
Trinidad and Tobago	—	—	—	304	—	—	—	1,512	1,512
United Kingdom	—	—	—	10	—	—	—	—	—
Vietnam	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S.	—	—	—	—	—	—	—	—	—
Yemen	—	—	—	—	—	—	—	—	—
Other	548	0	—	2,270	—	313	686	747	1,746
Total	1,593	12	—	25,513	—	2,935	6,583	24,271	33,789
Persian Gulf³	—	—	—	547	—	—	—	—	—

See footnotes at end of table.

Table 45. PAD District 1 - Year-to-Date Imports of Crude Oil and Petroleum Products by Country of Origin, January-December 2015
(Thousand Barrels) — Continued

Country of Origin	Petrochemical Feedstocks		Waxes	Petroleum Coke	Asphalt and Road Oil	Lubricants	Miscellaneous Products	Total Products	Total Crude Oil and Products	Daily Average		
	Naphtha	Other Oils								Crude Oil	Products	Total
OPEC	100	—	—	1,425	1,288	—	—	32,902	96,004	173	90	263
Algeria	—	—	—	—	—	—	—	4,234	4,234	—	12	12
Angola	—	—	—	—	—	—	—	426	17,880	48	1	49
Ecuador	—	—	—	—	—	—	—	195	931	2	1	3
Iran	—	—	—	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	—	—	—	8,123	22	—	22
Kuwait	—	—	—	—	—	—	—	—	—	—	—	—
Libya	—	—	—	—	—	—	—	—	730	2	—	2
Nigeria	—	—	—	—	—	—	—	9,600	24,853	42	26	68
Qatar	—	—	—	—	—	—	—	331	331	—	1	1
Saudi Arabia	—	—	—	—	—	—	—	1,773	19,822	49	5	54
United Arab Emirates	—	—	—	—	—	—	—	—	—	—	—	—
Venezuela	100	—	—	1,425	1,288	—	—	16,343	19,100	8	45	52
Non-OPEC	99	29	1,095	13	5,609	1,942	—	355,045	531,570	484	973	1,456
Argentina	—	—	—	—	—	—	—	3,233	3,233	—	9	9
Aruba	—	—	—	—	—	—	—	123	123	—	0	0
Australia	—	—	—	—	—	—	—	—	661	2	—	2
Bahamas	—	—	—	—	—	—	—	1,584	1,584	—	4	4
Bahrain	—	—	—	—	—	—	—	—	—	—	—	—
Belgium	—	—	—	—	—	7	—	9,111	9,111	—	25	25
Brazil	—	—	1	—	—	93	—	3,044	4,630	4	8	13
Brunei	—	—	—	—	—	—	—	—	—	—	—	—
Cameroon	—	—	—	—	—	—	—	—	—	—	—	—
Canada	19	29	611	10	4,312	1,414	—	145,963	238,116	252	400	652
Chad	—	—	—	—	—	—	—	37	12,918	35	0	35
China	—	—	189	—	—	—	—	1,212	1,212	—	3	3
Colombia	—	—	—	—	201	—	—	7,321	34,385	74	20	94
Congo (Brazzaville)	—	—	—	—	—	—	—	4	3,065	8	0	8
Denmark	—	—	—	—	—	—	—	358	358	—	1	1
Egypt	—	—	56	—	—	—	—	152	152	—	0	0
Equatorial Guinea	—	—	—	—	—	—	—	—	—	—	—	—
Estonia	—	—	—	—	—	—	—	636	636	—	2	2
Finland	—	—	—	—	—	—	—	3,456	3,456	—	9	9
France	—	—	—	—	—	61	—	8,555	8,555	—	23	23
Gabon	—	—	—	—	—	—	—	214	2,841	7	1	8
Germany	—	—	7	3	—	140	—	904	904	—	2	2
Guatemala	—	—	—	—	—	—	—	—	—	—	—	—
India	—	—	7	—	—	—	—	18,945	18,945	—	52	52
Indonesia	—	—	—	—	—	—	—	526	526	—	1	1
Italy	—	—	—	—	64	59	—	2,314	2,795	1	6	8
Korea, South	—	—	—	—	—	134	—	9,956	9,956	—	27	27
Latvia	—	—	—	—	—	—	—	92	92	—	0	0
Lithuania	—	—	—	—	—	—	—	703	703	—	2	2
Malaysia	—	—	2	—	—	24	—	26	26	—	0	0
Mexico	—	—	—	—	—	—	—	1,707	29,514	76	5	81
Netherlands	—	—	1	—	—	—	—	10,916	10,916	—	30	30
Netherlands Antilles	—	—	—	—	—	—	—	—	—	—	—	—
Norway	—	—	—	—	—	—	—	12,997	14,048	3	36	38
Oman	—	—	—	—	—	—	—	—	—	—	—	—
Portugal	—	—	—	—	—	—	—	8,491	8,491	—	23	23
Russia	50	—	—	—	—	1	—	29,637	29,637	—	81	81
Spain	30	—	—	—	443	—	—	20,388	20,388	—	56	56
Sweden	—	—	—	—	—	—	—	1,181	1,181	—	3	3
Syria	—	—	—	—	—	—	—	—	—	—	—	—
Trinidad and Tobago	—	—	—	—	—	—	—	2,608	2,608	—	7	7
United Kingdom	—	—	—	—	—	—	—	33,379	33,379	—	91	91
Vietnam	—	—	—	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S.	—	—	—	—	—	—	—	—	—	—	—	—
Yemen	—	—	—	—	—	—	—	—	—	—	—	—
Other	0	0	221	0	589	9	—	15,272	22,425	22	46	66
Total	199	29	1,095	1,438	6,897	1,942	—	387,947	627,574	657	1,063	1,719
Persian Gulf³	—	—	—	—	—	—	—	2,104	28,276	72	6	77

— = No Data Reported.

¹ Crude oil and unfinished oils are reported by PAD District of processing; all other products are reported by PAD District of Entry.

² Includes crude oil imported for storage in the Strategic Petroleum Reserve.

³ Includes Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and United Arab Emirates.

Note: Totals may not equal sum of components due to independent rounding.

Source: Energy Information Administration (EIA) Form EIA-814, "Monthly Imports Report."

Table 46. PAD District 2 - Year-to-Date Imports of Crude Oil and Petroleum Products by Country of Origin, January-December 2015
(Thousand Barrels)

Country of Origin	Crude Oil ^{1,2}	Pentanes Plus	Liquefied Petroleum Gases	Unfinished Oils ¹	Finished Motor Gasoline			Motor Gasoline Blending Components		
					Reformulated	Conventional	Total	Reformulated	Conventional	Total
OPEC	12,557	-	-	380	-	-	-	-	-	-
Algeria	-	-	-	380	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	12,557	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-
Non-OPEC	756,641	45	25,566	1,213	-	44	44	-	3,026	3,026
Argentina	-	-	-	-	-	-	-	-	-	-
Aruba	-	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	-	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	-	-	-	-	-	-
Brazil	-	-	-	-	-	-	-	-	-	-
Brunei	-	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-	-
Canada	756,641	45	25,566	-	-	44	44	-	3,026	3,026
Chad	-	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	-	-	-	-	-
Colombia	-	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-
Denmark	-	-	-	-	-	-	-	-	-	-
Egypt	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-	-
France	-	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-
Germany	-	-	-	-	-	-	-	-	-	-
Guatemala	-	-	-	-	-	-	-	-	-	-
India	-	-	-	-	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-	-
Italy	-	-	-	-	-	-	-	-	-	-
Korea, South	-	-	-	-	-	-	-	-	-	-
Latvia	-	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-	-
Mexico	-	-	-	-	-	-	-	-	-	-
Netherlands	-	-	-	-	-	-	-	-	-	-
Netherlands Antilles	-	-	-	-	-	-	-	-	-	-
Norway	-	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-	-
Portugal	-	-	-	-	-	-	-	-	-	-
Russia	-	-	-	1,213	-	-	-	-	-	-
Spain	-	-	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-	-
Syria	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	-	-	-	-	-	-	-	-	-	-
United Kingdom	-	-	-	-	-	-	-	-	-	-
Vietnam	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-	-
Yemen	-	-	-	-	-	-	-	-	-	-
Other	0	0	0	0	-	0	0	-	0	0
Total	769,198	45	25,566	1,593	-	44	44	-	3,026	3,026
Persian Gulf³	12,557	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 46. PAD District 2 - Year-to-Date Imports of Crude Oil and Petroleum Products by Country of Origin, January-December 2015
(Thousand Barrels) — Continued

Country of Origin	Oxygenates		Renewable Fuels				Distillate Fuel Oil				Total
	Methyl Tertiary Butyl Ether (MTBE)	Other Oxygenates	Fuel Ethanol	Biomass-Based Diesel	Other Renewable Diesel	Other Renewable Fuels	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	501 to 2000 ppm	Greater than 2000 ppm	
OPEC	-	-	-	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-	-
Non-OPEC	-	-	-	58	-	-	1,016	20	285	138	1,459
Argentina	-	-	-	-	-	-	-	-	-	-	-
Aruba	-	-	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	-	-	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	-	-	-	-	-	-	-
Brazil	-	-	-	-	-	-	-	-	-	-	-
Brunei	-	-	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-	-	-
Canada	-	-	-	58	-	-	1,016	20	285	138	1,459
Chad	-	-	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	-	-	-	-	-	-
Colombia	-	-	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-	-
Denmark	-	-	-	-	-	-	-	-	-	-	-
Egypt	-	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-	-	-
France	-	-	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-	-
Germany	-	-	-	-	-	-	-	-	-	-	-
Guatemala	-	-	-	-	-	-	-	-	-	-	-
India	-	-	-	-	-	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-	-	-
Italy	-	-	-	-	-	-	-	-	-	-	-
Korea, South	-	-	-	-	-	-	-	-	-	-	-
Latvia	-	-	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-	-	-
Mexico	-	-	-	-	-	-	-	-	-	-	-
Netherlands	-	-	-	-	-	-	-	-	-	-	-
Netherlands Antilles	-	-	-	-	-	-	-	-	-	-	-
Norway	-	-	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-	-	-
Portugal	-	-	-	-	-	-	-	-	-	-	-
Russia	-	-	-	-	-	-	-	-	-	-	-
Spain	-	-	-	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-	-	-
Syria	-	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	-	-	-	-	-	-	-	-	-	-	-
United Kingdom	-	-	-	-	-	-	-	-	-	-	-
Vietnam	-	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-	-	-
Yemen	-	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	0	-	-	0	0	0	0	0
Total	-	-	-	58	-	-	1,016	20	285	138	1,459
Persian Gulf³	-	-	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 46. PAD District 2 - Year-to-Date Imports of Crude Oil and Petroleum Products by Country of Origin, January-December 2015
(Thousand Barrels) — Continued

Country of Origin	Kerosene	Finished Aviation Gasoline	Aviation Gasoline Blending Components	Kerosene-Type Jet Fuel	Special Naphthas	Residual Fuel Oil			
						Less than 0.31 % sulfur	0.31 to 1.00 % sulfur	Greater than 1.00 % sulfur	Total
OPEC	—	—	—	—	—	—	—	—	—
Algeria	—	—	—	—	—	—	—	—	—
Angola	—	—	—	—	—	—	—	—	—
Ecuador	—	—	—	—	—	—	—	—	—
Iran	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	—	—	—	—
Kuwait	—	—	—	—	—	—	—	—	—
Libya	—	—	—	—	—	—	—	—	—
Nigeria	—	—	—	—	—	—	—	—	—
Qatar	—	—	—	—	—	—	—	—	—
Saudi Arabia	—	—	—	—	—	—	—	—	—
United Arab Emirates	—	—	—	—	—	—	—	—	—
Venezuela	—	—	—	—	—	—	—	—	—
Non-OPEC	—	5	—	8	442	17	1,004	413	1,434
Argentina	—	—	—	—	—	—	—	—	—
Aruba	—	—	—	—	—	—	—	—	—
Australia	—	—	—	—	—	—	—	—	—
Bahamas	—	—	—	—	—	—	—	—	—
Bahrain	—	—	—	—	—	—	—	—	—
Belgium	—	—	—	—	—	—	—	—	—
Brazil	—	—	—	—	—	—	—	—	—
Brunei	—	—	—	—	—	—	—	—	—
Cameroon	—	—	—	—	—	—	—	—	—
Canada	—	5	—	8	442	17	1,004	413	1,434
Chad	—	—	—	—	—	—	—	—	—
China	—	—	—	—	—	—	—	—	—
Colombia	—	—	—	—	—	—	—	—	—
Congo (Brazzaville)	—	—	—	—	—	—	—	—	—
Denmark	—	—	—	—	—	—	—	—	—
Egypt	—	—	—	—	—	—	—	—	—
Equatorial Guinea	—	—	—	—	—	—	—	—	—
Estonia	—	—	—	—	—	—	—	—	—
Finland	—	—	—	—	—	—	—	—	—
France	—	—	—	—	—	—	—	—	—
Gabon	—	—	—	—	—	—	—	—	—
Germany	—	—	—	—	—	—	—	—	—
Guatemala	—	—	—	—	—	—	—	—	—
India	—	—	—	—	—	—	—	—	—
Indonesia	—	—	—	—	—	—	—	—	—
Italy	—	—	—	—	—	—	—	—	—
Korea, South	—	—	—	—	—	—	—	—	—
Latvia	—	—	—	—	—	—	—	—	—
Lithuania	—	—	—	—	—	—	—	—	—
Malaysia	—	—	—	—	—	—	—	—	—
Mexico	—	—	—	—	—	—	—	—	—
Netherlands	—	—	—	—	—	—	—	—	—
Netherlands Antilles	—	—	—	—	—	—	—	—	—
Norway	—	—	—	—	—	—	—	—	—
Oman	—	—	—	—	—	—	—	—	—
Portugal	—	—	—	—	—	—	—	—	—
Russia	—	—	—	—	—	—	—	—	—
Spain	—	—	—	—	—	—	—	—	—
Sweden	—	—	—	—	—	—	—	—	—
Syria	—	—	—	—	—	—	—	—	—
Trinidad and Tobago	—	—	—	—	—	—	—	—	—
United Kingdom	—	—	—	—	—	—	—	—	—
Vietnam	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S.	—	—	—	—	—	—	—	—	—
Yemen	—	—	—	—	—	—	—	—	—
Other	—	0	—	0	0	0	0	0	0
Total	—	5	—	8	442	17	1,004	413	1,434
Persian Gulf³	—	—	—	—	—	—	—	—	—

See footnotes at end of table.

Table 46. PAD District 2 - Year-to-Date Imports of Crude Oil and Petroleum Products by Country of Origin, January-December 2015
(Thousand Barrels) — Continued

Country of Origin	Petrochemical Feedstocks		Waxes	Petroleum Coke	Asphalt and Road Oil	Lubricants	Miscellaneous Products	Total Products	Total Crude Oil and Products	Daily Average		
	Naphtha	Other Oils								Crude Oil	Products	Total
OPEC	—	—	—	—	—	2	—	382	12,939	34	1	35
Algeria	—	—	—	—	—	—	—	380	380	—	1	1
Angola	—	—	—	—	—	—	—	—	—	—	—	—
Ecuador	—	—	—	—	—	—	—	—	—	—	—	—
Iran	—	—	—	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	—	—	—	—	—	—	—
Kuwait	—	—	—	—	—	—	—	—	—	—	—	—
Libya	—	—	—	—	—	—	—	—	—	—	—	—
Nigeria	—	—	—	—	—	—	—	—	—	—	—	—
Qatar	—	—	—	—	—	2	—	2	2	—	0	0
Saudi Arabia	—	—	—	—	—	—	—	—	12,557	34	—	34
United Arab Emirates	—	—	—	—	—	—	—	—	—	—	—	—
Venezuela	—	—	—	—	—	—	—	—	—	—	—	—
Non-OPEC	881	512	80	210	2,717	2,424	1	40,774	797,415	2,073	112	2,185
Argentina	—	—	—	—	—	—	—	—	—	—	—	—
Aruba	—	—	—	—	—	—	—	—	—	—	—	—
Australia	—	—	—	—	—	—	—	—	—	—	—	—
Bahamas	—	—	—	—	—	—	—	—	—	—	—	—
Bahrain	—	—	—	—	—	—	—	—	—	—	—	—
Belgium	—	—	—	—	—	1	—	1	1	—	0	0
Brazil	—	—	—	—	—	—	—	—	—	—	—	—
Brunei	—	—	—	—	—	—	—	—	—	—	—	—
Cameroon	—	—	—	—	—	—	—	—	—	—	—	—
Canada	881	512	80	200	2,717	2,417	1	39,544	796,185	2,073	108	2,181
Chad	—	—	—	—	—	—	—	—	—	—	—	—
China	—	—	—	—	—	—	—	—	—	—	—	—
Colombia	—	—	—	—	—	—	—	—	—	—	—	—
Congo (Brazzaville)	—	—	—	—	—	—	—	—	—	—	—	—
Denmark	—	—	—	—	—	—	—	—	—	—	—	—
Egypt	—	—	—	—	—	—	—	—	—	—	—	—
Equatorial Guinea	—	—	—	—	—	—	—	—	—	—	—	—
Estonia	—	—	—	—	—	—	—	—	—	—	—	—
Finland	—	—	—	—	—	—	—	—	—	—	—	—
France	—	—	—	—	—	—	—	—	—	—	—	—
Gabon	—	—	—	—	—	—	—	—	—	—	—	—
Germany	—	—	—	8	—	4	—	12	12	—	0	0
Guatemala	—	—	—	—	—	—	—	—	—	—	—	—
India	—	—	—	—	—	—	—	—	—	—	—	—
Indonesia	—	—	—	—	—	—	—	—	—	—	—	—
Italy	—	—	—	—	—	—	—	—	—	—	—	—
Korea, South	—	—	—	—	—	—	—	—	—	—	—	—
Latvia	—	—	—	—	—	—	—	—	—	—	—	—
Lithuania	—	—	—	—	—	—	—	—	—	—	—	—
Malaysia	—	—	—	—	—	—	—	—	—	—	—	—
Mexico	—	—	—	—	—	—	—	—	—	—	—	—
Netherlands	—	—	—	—	—	—	—	—	—	—	—	—
Netherlands Antilles	—	—	—	—	—	—	—	—	—	—	—	—
Norway	—	—	—	—	—	—	—	—	—	—	—	—
Oman	—	—	—	—	—	—	—	—	—	—	—	—
Portugal	—	—	—	—	—	—	—	—	—	—	—	—
Russia	—	—	—	—	—	—	—	1,213	1,213	—	3	3
Spain	—	—	—	—	—	—	—	—	—	—	—	—
Sweden	—	—	—	2	—	—	—	2	2	—	0	0
Syria	—	—	—	—	—	—	—	—	—	—	—	—
Trinidad and Tobago	—	—	—	—	—	—	—	—	—	—	—	—
United Kingdom	—	—	—	—	—	—	—	—	—	—	—	—
Vietnam	—	—	—	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S.	—	—	—	—	—	—	—	—	—	—	—	—
Yemen	—	—	—	—	—	—	—	—	—	—	—	—
Other	0	0	0	0	0	2	0	2	2	0	1	1
Total	881	512	80	210	2,717	2,426	1	41,156	810,354	2,107	113	2,220
Persian Gulf³	—	—	—	—	—	2	—	2	12,559	34	0	34

— = No Data Reported.

¹ Crude oil and unfinished oils are reported by PAD District of processing; all other products are reported by PAD District of Entry.

² Includes crude oil imported for storage in the Strategic Petroleum Reserve.

³ Includes Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and United Arab Emirates.

Note: Totals may not equal sum of components due to independent rounding.

Source: Energy Information Administration (EIA) Form EIA-814, "Monthly Imports Report."

Table 47. PAD District 3 - Year-to-Date Imports of Crude Oil and Petroleum Products by Country of Origin, January-December 2015
(Thousand Barrels)

Country of Origin	Crude Oil ^{1,2}	Pentanes Plus	Liquefied Petroleum Gases	Unfinished Oils ¹	Finished Motor Gasoline			Motor Gasoline Blending Components		
					Reform-ulated	Conven-tional	Total	Reform-ulated	Conven-tional	Total
OPEC	665,547	789	-	35,259	-	-	-	-	421	421
Algeria	1,060	640	-	29,588	-	-	-	-	-	-
Angola	13,358	-	-	3,672	-	-	-	-	-	-
Ecuador	18,518	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-
Iraq	59,161	-	-	-	-	-	-	-	-	-
Kuwait	50,831	-	-	-	-	-	-	-	-	-
Libya	-	-	-	736	-	-	-	-	-	-
Nigeria	3,610	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	64	64
Saudi Arabia	239,706	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	593	-	-	-	-	-	-
Venezuela	279,303	149	-	670	-	-	-	-	357	357
Non-OPEC	492,936	3,166	633	124,392	-	944	944	-	4,237	4,237
Argentina	1,345	-	-	-	-	66	66	-	331	331
Aruba	-	-	-	-	-	-	-	-	-	-
Australia	1,785	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	268	-	-	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	17,742	-	-	-	-	-	-
Brazil	50,840	-	123	1,026	-	848	848	-	762	762
Brunei	-	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	456	-	-	-	-	-	-
Canada	121,432	-	-	3,053	-	-	-	-	-	-
Chad	13,316	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	-	-	-	-	-
Colombia	67,964	-	-	413	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-
Denmark	-	-	-	-	-	-	-	-	-	-
Egypt	542	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-	-
Finland	-	-	-	20	-	-	-	-	-	-
France	-	-	-	3,589	-	-	-	-	-	-
Gabon	-	-	-	687	-	-	-	-	-	-
Germany	-	-	-	309	-	-	-	-	-	-
Guatemala	3,066	-	-	-	-	-	-	-	-	-
India	-	-	-	1,207	-	-	-	-	831	831
Indonesia	-	-	-	-	-	-	-	-	-	-
Italy	-	-	-	1,170	-	-	-	-	-	-
Korea, South	-	-	-	152	-	-	-	-	86	86
Latvia	-	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-	-
Mexico	223,295	-	425	-	-	30	30	-	410	410
Netherlands	-	-	38	6,808	-	-	-	-	50	50
Netherlands Antilles	-	-	-	-	-	-	-	-	-	-
Norway	2,164	-	-	4,373	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-	-
Portugal	-	-	-	-	-	-	-	-	-	-
Russia	-	246	-	77,175	-	-	-	-	-	-
Spain	-	-	47	956	-	-	-	-	448	448
Sweden	-	-	-	238	-	-	-	-	-	-
Syria	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	2,537	-	-	327	-	-	-	-	589	589
United Kingdom	3,893	-	-	856	-	-	-	-	367	367
Vietnam	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-	-
Yemen	-	-	-	-	-	-	-	-	-	-
Other	757	2,920	0	3,567	-	0	0	-	363	363
Total	1,158,483	3,955	633	159,651	-	944	944	-	4,658	4,658
Persian Gulf³	349,698	-	-	593	-	-	-	-	64	64

See footnotes at end of table.

Table 47. PAD District 3 - Year-to-Date Imports of Crude Oil and Petroleum Products by Country of Origin, January-December 2015
(Thousand Barrels) — Continued

Country of Origin	Oxygenates		Renewable Fuels				Distillate Fuel Oil				Total
	Methyl Tertiary Butyl Ether (MTBE)	Other Oxygenates	Fuel Ethanol	Biomass-Based Diesel	Other Renewable Diesel	Other Renewable Fuels	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	501 to 2000 ppm	Greater than 2000 ppm	
OPEC	191	—	—	—	—	—	—	—	—	—	—
Algeria	—	—	—	—	—	—	—	—	—	—	—
Angola	—	—	—	—	—	—	—	—	—	—	—
Ecuador	—	—	—	—	—	—	—	—	—	—	—
Iran	—	—	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	—	—	—	—	—	—
Kuwait	—	—	—	—	—	—	—	—	—	—	—
Libya	—	—	—	—	—	—	—	—	—	—	—
Nigeria	—	—	—	—	—	—	—	—	—	—	—
Qatar	65	—	—	—	—	—	—	—	—	—	—
Saudi Arabia	46	—	—	—	—	—	—	—	—	—	—
United Arab Emirates	67	—	—	—	—	—	—	—	—	—	—
Venezuela	13	—	—	—	—	—	—	—	—	—	—
Non-OPEC	1,123	—	143	2,703	443	—	135	—	3,780	—	3,915
Argentina	123	—	—	1,420	—	—	—	—	—	—	—
Aruba	—	—	—	—	—	—	—	—	—	—	—
Australia	—	—	—	—	—	—	—	—	—	—	—
Bahamas	—	—	—	—	—	—	—	—	—	—	—
Bahrain	—	—	—	—	—	—	—	—	—	—	—
Belgium	58	—	—	—	—	—	—	—	291	—	291
Brazil	341	—	143	—	—	—	—	—	2	—	2
Brunei	—	—	—	—	—	—	—	—	—	—	—
Cameroon	—	—	—	—	—	—	—	—	36	—	36
Canada	—	—	—	63	—	—	—	—	546	—	546
Chad	—	—	—	—	—	—	—	—	—	—	—
China	—	—	—	—	—	—	—	—	—	—	—
Colombia	—	—	—	—	—	—	—	—	—	—	—
Congo (Brazzaville)	—	—	—	—	—	—	—	—	—	—	—
Denmark	—	—	—	—	—	—	—	—	—	—	—
Egypt	—	—	—	—	—	—	—	—	—	—	—
Equatorial Guinea	—	—	—	—	—	—	—	—	—	—	—
Estonia	—	—	—	—	—	—	—	—	—	—	—
Finland	—	—	—	—	—	—	—	—	—	—	—
France	—	—	—	—	—	—	—	—	12	—	12
Gabon	—	—	—	—	—	—	—	—	—	—	—
Germany	44	—	—	—	—	—	63	—	991	—	1,054
Guatemala	—	—	—	—	—	—	—	—	—	—	—
India	—	—	—	—	—	—	—	—	—	—	—
Indonesia	—	—	—	1,220	—	—	—	—	—	—	—
Italy	—	—	—	—	—	—	41	—	—	—	41
Korea, South	—	—	—	—	—	—	—	—	—	—	—
Latvia	—	—	—	—	—	—	—	—	—	—	—
Lithuania	—	—	—	—	—	—	—	—	—	—	—
Malaysia	—	—	—	—	—	—	—	—	—	—	—
Mexico	—	—	—	—	—	—	—	—	277	—	277
Netherlands	537	—	—	—	—	—	23	—	232	—	255
Netherlands Antilles	—	—	—	—	—	—	—	—	—	—	—
Norway	—	—	—	—	—	—	—	—	25	—	25
Oman	—	—	—	—	—	—	—	—	—	—	—
Portugal	—	—	—	—	—	—	—	—	2	—	2
Russia	—	—	—	—	—	—	—	—	1,122	—	1,122
Spain	—	—	—	—	—	—	—	—	30	—	30
Sweden	—	—	—	—	—	—	—	—	159	—	159
Syria	—	—	—	—	—	—	—	—	—	—	—
Trinidad and Tobago	—	—	—	—	—	—	—	—	—	—	—
United Kingdom	—	—	—	—	—	—	8	—	27	—	35
Vietnam	—	—	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S.	—	—	—	—	—	—	—	—	—	—	—
Yemen	—	—	—	—	—	—	—	—	—	—	—
Other	20	—	0	0	443	—	0	—	28	—	28
Total	1,314	—	143	2,703	443	—	135	—	3,780	—	3,915
Persian Gulf³	178	—	—	—	—	—	—	—	—	—	—

See footnotes at end of table.

Table 47. PAD District 3 - Year-to-Date Imports of Crude Oil and Petroleum Products by Country of Origin, January-December 2015
(Thousand Barrels) — Continued

Country of Origin	Kerosene	Finished Aviation Gasoline	Aviation Gasoline Blending Components	Kerosene-Type Jet Fuel	Special Naphthas	Residual Fuel Oil			
						Less than 0.31 % sulfur	0.31 to 1.00 % sulfur	Greater than 1.00 % sulfur	Total
OPEC	—	—	—	—	463	515	914	539	1,968
Algeria	—	—	—	—	—	369	—	—	369
Angola	—	—	—	—	—	—	566	—	566
Ecuador	—	—	—	—	79	—	—	—	—
Iran	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	—	—	—	—
Kuwait	—	—	—	—	—	—	—	—	—
Libya	—	—	—	—	—	—	217	177	394
Nigeria	—	—	—	—	—	—	—	—	—
Qatar	—	—	—	—	—	—	—	—	—
Saudi Arabia	—	—	—	—	384	—	—	—	—
United Arab Emirates	—	—	—	—	—	—	—	—	—
Venezuela	—	—	—	—	—	146	131	362	639
Non-OPEC	—	—	—	—	4,609	1,922	2,305	10,217	14,444
Argentina	—	—	—	—	—	—	—	—	—
Aruba	—	—	—	—	—	—	—	—	—
Australia	—	—	—	—	—	—	—	—	—
Bahamas	—	—	—	—	—	—	—	—	—
Bahrain	—	—	—	—	—	—	—	—	—
Belgium	—	—	—	—	14	—	—	—	—
Brazil	—	—	—	—	267	—	356	309	665
Brunei	—	—	—	—	—	—	—	—	—
Cameroon	—	—	—	—	—	—	88	—	88
Canada	—	—	—	—	1,065	93	—	—	93
Chad	—	—	—	—	—	—	—	—	—
China	—	—	—	—	—	—	—	—	—
Colombia	—	—	—	—	—	—	3	361	364
Congo (Brazzaville)	—	—	—	—	—	—	—	—	—
Denmark	—	—	—	—	—	—	—	—	—
Egypt	—	—	—	—	—	—	—	—	—
Equatorial Guinea	—	—	—	—	—	—	—	—	—
Estonia	—	—	—	—	—	—	—	—	—
Finland	—	—	—	—	—	—	—	—	—
France	—	—	—	—	—	—	—	—	—
Gabon	—	—	—	—	—	—	—	—	—
Germany	—	—	—	—	50	—	—	—	—
Guatemala	—	—	—	—	—	—	—	—	—
India	—	—	—	—	112	—	—	—	—
Indonesia	—	—	—	—	—	—	—	—	—
Italy	—	—	—	—	—	—	170	56	226
Korea, South	—	—	—	—	1,225	—	—	—	—
Latvia	—	—	—	—	—	—	—	—	—
Lithuania	—	—	—	—	—	—	—	—	—
Malaysia	—	—	—	—	—	—	—	—	—
Mexico	—	—	—	—	—	150	11	6,928	7,089
Netherlands	—	—	—	—	72	220	260	—	480
Netherlands Antilles	—	—	—	—	—	—	—	—	—
Norway	—	—	—	—	—	—	—	—	—
Oman	—	—	—	—	—	—	—	—	—
Portugal	—	—	—	—	—	—	—	—	—
Russia	—	—	—	—	—	1,139	516	2,122	3,777
Spain	—	—	—	—	—	—	—	150	150
Sweden	—	—	—	—	—	—	—	—	—
Syria	—	—	—	—	—	—	—	—	—
Trinidad and Tobago	—	—	—	—	—	320	—	—	320
United Kingdom	—	—	—	—	—	—	107	—	107
Vietnam	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S.	—	—	—	—	—	—	—	—	—
Yemen	—	—	—	—	—	—	—	—	—
Other	—	—	—	—	1,804	0	794	291	1,085
Total	—	—	—	—	5,072	2,437	3,219	10,756	16,412
Persian Gulf³	—	—	—	—	384	—	—	—	—

See footnotes at end of table.

Table 47. PAD District 3 - Year-to-Date Imports of Crude Oil and Petroleum Products by Country of Origin, January-December 2015
(Thousand Barrels) — Continued

Country of Origin	Petrochemical Feedstocks		Waxes	Petroleum Coke	Asphalt and Road Oil	Lubricants	Miscellaneous Products	Total Products	Total Crude Oil and Products	Daily Average		
	Naphtha	Other Oils								Crude Oil	Products	Total
OPEC	420	4	15	81	—	2,413	—	42,024	707,571	1,823	115	1,939
Algeria	21	—	—	—	—	—	—	30,618	31,678	3	84	87
Angola	—	—	—	—	—	—	—	4,238	17,596	37	12	48
Ecuador	—	—	—	—	—	—	—	79	18,597	51	0	51
Iran	—	—	—	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	—	—	—	59,161	162	—	162
Kuwait	—	—	—	—	—	—	—	—	50,831	139	—	139
Libya	—	—	—	—	—	—	—	1,130	1,130	—	3	3
Nigeria	—	—	—	—	—	—	—	—	3,610	10	—	10
Qatar	—	—	15	—	—	2,413	—	2,557	2,557	—	7	7
Saudi Arabia	231	—	—	—	—	—	—	661	240,367	657	2	659
United Arab Emirates	43	—	—	—	—	—	—	703	703	—	2	2
Venezuela	125	4	—	81	—	—	—	2,038	281,341	765	6	771
Non-OPEC	9,965	1,736	380	1,761	—	5,415	—	180,085	673,021	1,351	493	1,844
Argentina	137	958	—	246	—	23	—	3,304	4,649	4	9	13
Aruba	—	—	—	—	—	—	—	—	—	—	—	—
Australia	—	—	—	—	—	—	—	—	1,785	5	—	5
Bahamas	—	—	—	—	—	—	—	268	268	—	1	1
Bahrain	—	—	—	—	—	866	—	866	866	—	2	2
Belgium	49	—	—	—	—	53	—	18,208	18,208	—	50	50
Brazil	759	—	15	192	—	—	—	5,143	55,983	139	14	153
Brunei	—	—	—	—	—	—	—	—	—	—	—	—
Cameroon	—	—	—	—	—	—	—	580	580	—	2	2
Canada	198	455	—	—	—	—	—	5,473	126,905	333	15	348
Chad	—	—	—	—	—	—	—	—	13,316	36	—	36
China	—	—	52	—	—	—	—	52	52	—	0	0
Colombia	—	—	—	—	—	—	—	777	68,741	186	2	188
Congo (Brazzaville)	—	—	—	—	—	—	—	—	—	—	—	—
Denmark	—	—	—	—	—	—	—	—	—	—	—	—
Egypt	—	—	—	—	—	—	—	—	542	1	—	1
Equatorial Guinea	—	—	—	—	—	—	—	—	—	—	—	—
Estonia	—	—	—	—	—	—	—	—	—	—	—	—
Finland	—	—	—	—	—	12	—	32	32	—	0	0
France	22	267	31	—	—	68	—	3,989	3,989	—	11	11
Gabon	—	—	—	—	—	—	—	687	687	—	2	2
Germany	39	—	—	119	—	60	—	1,678	1,678	—	5	5
Guatemala	—	—	—	—	—	—	—	—	3,066	8	—	8
India	33	—	1	—	—	—	—	2,184	2,184	—	6	6
Indonesia	—	—	—	—	—	57	—	1,277	1,277	—	3	3
Italy	42	—	82	—	—	307	—	1,894	1,894	—	5	5
Korea, South	1,418	—	—	—	—	3,494	—	6,375	6,375	—	17	17
Latvia	—	—	—	—	—	—	—	—	—	—	—	—
Lithuania	—	—	—	—	—	—	—	—	—	—	—	—
Malaysia	23	—	164	—	—	—	—	187	187	—	1	1
Mexico	5,872	—	—	—	—	—	—	14,103	237,398	612	39	650
Netherlands	357	—	—	—	—	14	—	8,621	8,621	—	24	24
Netherlands Antilles	—	—	—	—	—	—	—	—	—	—	—	—
Norway	—	—	—	133	—	—	—	4,531	6,695	6	12	18
Oman	—	—	—	—	—	—	—	—	—	—	—	—
Portugal	5	—	—	—	—	—	—	7	7	—	0	0
Russia	7	—	—	—	—	34	—	82,370	82,370	—	226	226
Spain	19	—	—	727	—	—	—	2,377	2,377	—	7	7
Sweden	—	—	—	—	—	11	—	408	408	—	1	1
Syria	—	—	—	—	—	—	—	—	—	—	—	—
Trinidad and Tobago	—	—	—	—	—	—	—	1,236	3,773	7	3	10
United Kingdom	457	56	—	137	—	155	—	2,170	6,063	11	6	17
Vietnam	—	—	—	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S.	—	—	—	—	—	—	—	—	—	—	—	—
Yemen	—	—	—	—	—	—	—	—	—	—	—	—
Other	528	0	35	207	—	261	—	11,288	12,045	3	30	34
Total	10,385	1,740	395	1,842	—	7,828	—	222,109	1,380,592	3,174	609	3,782
Persian Gulf³	274	—	15	—	—	3,279	—	4,787	354,485	958	13	971

— = No Data Reported.

¹ Crude oil and unfinished oils are reported by PAD District of processing; all other products are reported by PAD District of Entry.

² Includes crude oil imported for storage in the Strategic Petroleum Reserve.

³ Includes Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and United Arab Emirates.

Note: Totals may not equal sum of components due to independent rounding.

Source: Energy Information Administration (EIA) Form EIA-814, "Monthly Imports Report."

Table 48. PAD District 4 and 5 - Year-to-Date Imports of Crude Oil and Petroleum Products by Country of Origin, January-December 2015
(Thousand Barrels)

Country of Origin	Crude Oil ^{1,2}	Pentanes Plus	Liquefied Petroleum Gases	Unfinished Oils ¹	Finished Motor Gasoline			Motor Gasoline Blending Components		
					Reform-ulated	Conven- tional	Total	Reform-ulated	Conven- tional	Total
	PAD District 4									
OPEC	-	-	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-
Non-OPEC	103,991	-	3,561	-	-	24	24	-	510	510
Canada	103,991	-	3,561	-	-	24	24	-	510	510
Other	0	-	0	-	-	0	0	-	0	0
Total	103,991	-	3,561	-	-	24	24	-	510	510
	PAD District 5									
OPEC	236,523	-	-	4,927	-	-	-	-	-	-
Algeria	-	-	-	3,186	-	-	-	-	-	-
Angola	14,291	-	-	-	-	-	-	-	-	-
Ecuador	63,048	-	-	1,384	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-
Iraq	16,442	-	-	-	-	-	-	-	-	-
Kuwait	24,228	-	-	-	-	-	-	-	-	-
Libya	348	-	-	357	-	-	-	-	-	-
Nigeria	1,944	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	113,308	-	-	-	-	-	-	-	-	-
United Arab Emirates	602	-	-	-	-	-	-	-	-	-
Venezuela	2,312	-	-	-	-	-	-	-	-	-
Non-OPEC	175,124	18	2,024	12,130	-	2,349	2,349	2,074	16,441	18,515
Argentina	4,494	-	54	-	-	-	-	-	-	-
Aruba	-	-	-	-	-	-	-	-	-	-
Australia	1,179	-	-	-	-	-	-	-	-	-
Brazil	16,524	-	-	-	-	-	-	-	-	-
Brunei	-	-	-	-	-	-	-	-	-	-
Canada	82,581	18	1,367	391	-	1,398	1,398	101	5,629	5,730
China	-	-	-	-	-	-	-	-	-	-
Colombia	39,990	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	24	24	-	79	79
Germany	-	-	-	145	-	-	-	-	-	-
Indonesia	12,426	-	-	-	-	-	-	-	-	-
Japan	-	-	-	-	-	-	-	-	592	592
Korea, South	-	-	-	-	-	120	120	144	1,518	1,662
Malaysia	182	-	-	-	-	-	-	-	-	-
Mexico	-	-	-	-	-	230	230	-	-	-
Netherlands	-	-	-	221	-	-	-	145	76	221
Netherlands Antilles	-	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-	-
Papua New Guinea	-	-	-	-	-	-	-	-	-	-
Peru	903	-	325	165	-	-	-	-	-	-
Singapore	-	-	-	-	-	-	-	480	689	1,169
Sweden	-	-	-	-	-	11	11	-	27	27
Taiwan	-	-	-	-	-	-	-	-	814	814
United Kingdom	261	-	-	371	-	9	9	394	3,600	3,994
Vietnam	3,320	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-	-
Other	13,264	0	278	10,837	-	557	557	810	3,417	4,227
Total	411,647	18	2,024	17,057	-	2,349	2,349	2,074	16,441	18,515
Persian Gulf ³	154,580	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 48. PAD District 4 and 5 - Year-to-Date Imports of Crude Oil and Petroleum Products by Country of Origin, January-December 2015
(Thousand Barrels) — Continued

Country of Origin	Oxygenates		Renewable Fuels				Distillate Fuel Oil				
	Methyl Tertiary Butyl Ether (MTBE)	Other Oxygenates	Fuel Ethanol	Biomass-Based Diesel	Other Renewable Diesel	Other Renewable Fuels	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	501 to 2000 ppm	Greater than 2000 ppm	Total
PAD District 4											
OPEC	-	-	-	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-	-
Non-OPEC	-	-	-	29	-	-	220	20	19	-	259
Canada	-	-	-	29	-	-	220	20	19	-	259
Other	-	-	-	0	-	-	0	0	0	-	0
Total	-	-	-	29	-	-	220	20	19	-	259
PAD District 5											
OPEC	-	-	-	-	-	-	-	-	108	-	108
Algeria	-	-	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	108	-	108
Libya	-	-	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-	-
Non-OPEC	-	-	1,055	1,018	3,864	-	4,227	4	1,107	-	5,338
Argentina	-	-	-	108	-	-	-	-	-	-	-
Aruba	-	-	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-	-
Brazil	-	-	1,055	-	-	-	-	-	-	-	-
Brunei	-	-	-	-	-	-	-	-	-	-	-
Canada	-	-	-	610	-	-	3,405	4	185	-	3,594
China	-	-	-	-	-	-	-	-	-	-	-
Colombia	-	-	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-	-	-
Germany	-	-	-	-	-	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-	-	-
Japan	-	-	-	-	-	-	484	-	-	-	484
Korea, South	-	-	-	300	-	-	338	-	-	-	338
Malaysia	-	-	-	-	-	-	-	-	-	-	-
Mexico	-	-	-	-	-	-	-	-	-	-	-
Netherlands	-	-	-	-	-	-	-	-	-	-	-
Netherlands Antilles	-	-	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-	-	-
Papua New Guinea	-	-	-	-	-	-	-	-	-	-	-
Peru	-	-	-	-	-	-	-	-	-	-	-
Singapore	-	-	-	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-	-	-
Taiwan	-	-	-	-	-	-	-	-	-	-	-
United Kingdom	-	-	-	-	-	-	-	-	-	-	-
Vietnam	-	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-	-	-
Other	-	-	0	0	3,864	-	0	0	922	-	922
Total	-	-	1,055	1,018	3,864	-	4,227	4	1,215	-	5,446
Persian Gulf³	-	-	-	-	-	-	-	-	108	-	108

See footnotes at end of table.

Table 48. PAD District 4 and 5 - Year-to-Date Imports of Crude Oil and Petroleum Products by Country of Origin, January-December 2015
(Thousand Barrels) — Continued

Country of Origin			Aviation Gasoline Blending Components	Kerosene-Type Jet Fuel	Special Naphthas	Residual Fuel Oil			
						Less than 0.31 % sulfur	0.31 to 1.00 % sulfur	Greater than 1.00 % sulfur	Total
	Kerosene	Finished Aviation Gasoline							
	PAD District 4								
OPEC	-	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-
Non-OPEC	-	8	-	-	-	-	163	-	163
Canada	-	8	-	-	-	-	163	-	163
Other	-	0	-	-	-	-	0	-	0
Total	-	8	-	-	-	-	163	-	163
	PAD District 5								
OPEC	-	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-
Non-OPEC	-	-	-	21,690	-	276	729	15,462	16,467
Argentina	-	-	-	-	-	-	-	-	-
Aruba	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-
Brazil	-	-	-	-	-	-	-	-	-
Brunei	-	-	-	-	-	-	-	-	-
Canada	-	-	-	720	-	246	198	1,774	2,218
China	-	-	-	689	-	-	-	-	-
Colombia	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-
Germany	-	-	-	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-
Japan	-	-	-	2,019	-	-	-	-	-
Korea, South	-	-	-	17,115	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-
Mexico	-	-	-	-	-	30	-	9,386	9,416
Netherlands	-	-	-	-	-	-	-	470	470
Netherlands Antilles	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-
Papua New Guinea	-	-	-	-	-	-	-	-	-
Peru	-	-	-	-	-	-	-	841	841
Singapore	-	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-
Taiwan	-	-	-	322	-	-	-	-	-
United Kingdom	-	-	-	-	-	-	-	-	-
Vietnam	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-
Other	-	-	-	825	-	0	531	2,991	3,522
Total	-	-	-	21,690	-	276	729	15,462	16,467
Persian Gulf ³	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 48. PAD District 4 and 5 - Year-to-Date Imports of Crude Oil and Petroleum Products by Country of Origin, January-December 2015
(Thousand Barrels) — Continued

Country of Origin	Petrochemical Feedstocks								Total Crude Oil and Products	Daily Average		
	Naphtha	Other Oils								Waxes	Petroleum Coke	Asphalt and Road Oil
	PAD District 4											
OPEC	—	—	—	—	—	—	—	—	—	—	—	—
Algeria	—	—	—	—	—	—	—	—	—	—	—	—
Angola	—	—	—	—	—	—	—	—	—	—	—	—
Ecuador	—	—	—	—	—	—	—	—	—	—	—	—
Iran	—	—	—	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	—	—	—	—	—	—	—
Kuwait	—	—	—	—	—	—	—	—	—	—	—	—
Libya	—	—	—	—	—	—	—	—	—	—	—	—
Nigeria	—	—	—	—	—	—	—	—	—	—	—	—
Qatar	—	—	—	—	—	—	—	—	—	—	—	—
Saudi Arabia	—	—	—	—	—	—	—	—	—	—	—	—
United Arab Emirates	—	—	—	—	—	—	—	—	—	—	—	—
Venezuela	—	—	—	—	—	—	—	—	—	—	—	—
Non-OPEC	—	—	—	—	446	—	15	5,015	109,006	285	14	299
Canada	—	—	—	—	446	—	15	5,015	109,006	285	14	299
Other	—	—	—	—	0	—	0	0	0	0	0	0
Total	—	—	—	—	446	—	15	5,015	109,006	285	14	299
	PAD District 5											
OPEC	—	—	—	—	99	38	—	5,172	241,695	648	14	662
Algeria	—	—	—	—	—	—	—	3,186	3,186	—	9	9
Angola	—	—	—	—	—	—	—	—	14,291	39	—	39
Ecuador	—	—	—	—	—	—	—	1,384	64,432	173	4	177
Iran	—	—	—	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	—	—	—	16,442	45	—	45
Kuwait	—	—	—	—	—	—	—	108	24,336	66	0	67
Libya	—	—	—	—	—	—	—	357	705	1	1	2
Nigeria	—	—	—	—	—	—	—	—	1,944	5	—	5
Qatar	—	—	—	—	—	38	—	38	38	—	0	0
Saudi Arabia	—	—	—	—	—	—	—	—	113,308	310	—	310
United Arab Emirates	—	—	—	—	—	—	—	—	602	2	—	2
Venezuela	—	—	—	—	99	—	—	99	2,411	6	0	7
Non-OPEC	449	—	390	347	1,020	191	—	86,865	261,989	480	238	718
Argentina	—	—	—	—	—	—	—	162	4,656	12	0	13
Aruba	—	—	—	—	—	—	—	—	—	—	—	—
Australia	—	—	—	—	—	—	—	—	1,179	3	—	3
Brazil	—	—	—	—	—	—	—	1,055	17,579	45	3	48
Brunei	—	—	—	—	—	—	—	—	—	—	—	—
Canada	—	—	2	347	909	56	—	17,360	99,941	226	48	274
China	—	—	322	—	—	—	—	1,011	1,011	—	3	3
Colombia	—	—	—	—	32	—	—	32	40,022	110	0	110
Finland	—	—	—	—	—	—	—	103	103	—	0	0
Germany	—	—	—	—	—	—	—	145	145	—	0	0
Indonesia	—	—	2	—	—	—	—	2	12,428	34	0	34
Japan	—	—	52	—	—	4	—	3,151	3,151	—	9	9
Korea, South	148	—	—	—	—	131	—	19,814	19,814	—	54	54
Malaysia	—	—	2	—	—	—	—	2	184	0	0	1
Mexico	—	—	—	—	—	—	—	9,646	9,646	—	26	26
Netherlands	—	—	—	—	—	—	—	912	912	—	2	2
Netherlands Antilles	—	—	—	—	—	—	—	—	—	—	—	—
Oman	—	—	—	—	—	—	—	—	—	—	—	—
Papua New Guinea	—	—	—	—	—	—	—	—	—	—	—	—
Peru	—	—	—	—	—	—	—	1,331	2,234	2	4	6
Singapore	—	—	—	—	—	—	—	5,033	5,033	—	14	14
Sweden	—	—	—	—	—	—	—	38	38	—	0	0
Taiwan	301	—	—	—	—	—	—	1,437	1,437	—	4	4
United Kingdom	—	—	—	—	—	—	—	4,374	4,635	1	12	13
Vietnam	—	—	—	—	—	—	—	—	3,320	9	—	9
Virgin Islands, U.S.	—	—	—	—	—	—	—	—	—	—	—	—
Other	0	—	10	0	79	0	—	21,257	34,521	38	59	95
Total	449	—	390	347	1,119	229	—	92,037	503,684	1,128	252	1,380
Persian Gulf ³	—	—	—	—	—	38	—	146	154,726	424	0	424

— = No Data Reported.

¹ Crude oil and unfinished oils are reported by PAD District of processing; all other products are reported by PAD District of Entry.

² Includes crude oil imported for storage in the Strategic Petroleum Reserve.

³ Includes Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and United Arab Emirates.

Note: Totals may not equal sum of components due to independent rounding.

Source: Energy Information Administration (EIA) Form EIA-814, "Monthly Imports Report."

Table 49. Exports of Crude Oil and Petroleum Products by PAD District, December 2015
(Thousand Barrels)

Commodity	PAD Districts					U.S. Total	
	1	2	3	4	5	Total	Daily Average
Crude Oil¹	1,723	908	9,051	486	0	12,167	392
Natural Gas Plant Liquids and Liquefied							
Refinery Gases	1,519	7,366	22,900	196	1,108	33,089	1,067
Pentanes Plus	30	5,048	28	143	13	5,261	170
Liquefied Petroleum Gases	1,489	2,318	22,872	53	1,095	27,827	898
Ethane/Ethylene	—	1,985	—	—	—	1,985	64
Propane/Propylene	1,202	69	21,024	10	961	23,266	751
Normal Butane/Butylene	286	264	1,681	43	134	2,408	78
Isobutane/Isobutylene	0	—	167	—	0	167	5
Other Liquids	1,199	852	18,520	11	587	21,169	683
Hydrogen/Oxygenates/Renewables/ Other Hydrocarbons	121	505	3,099	—	40	3,765	121
Hydrogen	—	—	—	—	—	—	—
Oxygenates (excluding Fuel Ethanol)	1	0	1,680	—	1	1,682	54
Methyl Tertiary Butyl Ether (MTBE)	0	—	1,028	—	0	1,028	33
Other Oxygenates	1	0	651	—	1	654	21
Renewable Fuels (including Fuel Ethanol) ...	120	504	1,420	—	39	2,082	67
Fuel Ethanol	119	491	1,320	—	19	1,949	63
Biomass-Based Diesel	1	14	99	—	19	133	4
Other Renewable Diesel	—	—	—	—	—	—	—
Other Renewable Fuels	—	—	—	—	—	—	—
Other Hydrocarbons	—	—	—	—	—	—	—
Unfinished Oils	1,072	223	9,014	11	33	10,354	334
Naphthas and Lighter	772	217	4,538	11	32	5,571	180
Kerosene and Light Gas Oils	300	6	4,476	—	1	4,784	154
Heavy Gas Oils	—	—	—	—	—	—	—
Residuum	—	—	—	—	—	—	—
Motor Gasoline Blend.Comp. (MGBC)	6	124	6,407	0	514	7,050	227
Reformulated	1	—	2	—	0	3	0
Conventional	5	124	6,404	0	514	7,047	227
Aviation Gasoline Blend. Comp.	—	—	—	—	—	—	—
Finished Petroleum Products	2,983	3,135	78,378	30	12,574	97,101	3,132
Finished Motor Gasoline	14	979	15,425	1	1,373	17,793	574
Reformulated	—	—	—	—	—	—	—
Conventional	14	979	15,425	1	1,373	17,793	574
Finished Aviation Gasoline	—	—	—	—	—	—	—
Kerosene-Type Jet Fuel	17	890	3,066	—	838	4,811	155
Kerosene	1	—	372	—	4	377	12
Distillate Fuel Oil	1,373	286	35,555	0	4,012	41,226	1,330
15 ppm sulfur and under ²	1,222	0	31,007	0	2,950	35,180	1,135
Greater than 15 ppm to 500 ppm sulfur ²	150	254	3,095	—	309	3,808	123
Greater than 500 ppm sulfur	0	32	1,453	—	753	2,239	72
Residual Fuel Oil	992	198	6,608	17	1,924	9,740	314
Naphtha for Petro. Feed. Use	—	—	—	—	—	—	—
Other Oils for Petro. Feed. Use	—	—	—	—	—	—	—
Special Naphthas	—	—	—	—	—	—	—
Lubricants	139	152	1,423	10	299	2,021	65
Waxes	47	44	17	1	4	113	4
Petroleum Coke	317	475	15,538	—	4,092	20,422	659
Asphalt and Road Oil	62	110	353	1	29	555	18
Miscellaneous Products	22	0	21	0	0	44	1
Total	7,424	12,261	128,849	723	14,270	163,526	5,275

— = No Data Reported.

¹ Crude oil exports are restricted to: (1) crude oil derived from fields under the State waters of Alaska's Cook Inlet; (2) Alaskan North Slope crude oil; (3) certain domestically produced crude oil destined for Canada; (4) shipments to U.S. territories; and (5) California crude oil to Pacific Rim countries.

² Exports of distillate fuel oil with sulfur greater than 15 ppm to 500 ppm may include distillate fuel oil with sulfur content 15 ppm and under due to product detail limitations in the exports data received from the U.S. Census Bureau.

Note: Totals may not equal sum of components due to independent rounding.

Sources: U.S. Census Bureau and EIA estimates.

Table 50. Year-to-Date Exports of Crude Oil and Petroleum Products by PAD District, January-December 2015
(Thousand Barrels)

Commodity	PAD Districts					U.S. Total	
	1	2	3	4	5	Total	Daily Average
Crude Oil¹	28,908	28,849	103,522	3,070	2,909	167,258	458
Natural Gas Plant Liquids and Liquefied							
Refinery Gases	16,573	92,412	228,253	2,691	13,086	353,016	967
Pentanes Plus	706	62,712	439	1,914	723	66,494	182
Liquefied Petroleum Gases	15,867	29,700	227,814	777	12,363	286,522	785
Ethane/Ethylene	—	23,655	—	—	—	23,655	65
Propane/Propylene	13,748	1,550	201,243	180	7,930	224,651	615
Normal Butane/Butylene	2,096	4,410	24,174	571	4,422	35,674	98
Isobutane/Isobutylene	24	85	2,396	26	11	2,542	7
Other Liquids	8,106	10,427	167,606	307	5,290	191,737	525
Hydrogen/Oxygenates/Renewables/ Other Hydrocarbons	1,357	6,619	35,258	246	744	44,224	121
Hydrogen	—	—	—	—	—	—	—
Oxygenates (excluding Fuel Ethanol)	17	3	21,991	0	17	22,028	60
Methyl Tertiary Butyl Ether (MTBE)	1	0	13,526	—	0	13,527	37
Other Oxygenates	16	3	8,465	0	17	8,501	23
Renewable Fuels (including Fuel Ethanol) ...	1,340	6,616	13,267	246	727	22,196	61
Fuel Ethanol	1,328	5,564	12,879	19	313	20,103	55
Biomass-Based Diesel	12	1,052	388	227	414	2,093	6
Other Renewable Diesel	—	—	—	—	—	—	—
Other Renewable Fuels	—	—	—	—	—	—	—
Other Hydrocarbons	—	—	—	—	—	—	—
Unfinished Oils	4,581	1,089	88,879	36	1,176	95,761	262
Naphthas and Lighter	3,282	1,022	60,270	35	1,161	65,770	180
Kerosene and Light Gas Oils	1,299	67	28,609	1	15	29,991	82
Heavy Gas Oils	—	—	—	—	—	—	—
Residuum	—	—	—	—	—	—	—
Motor Gasoline Blend.Comp. (MGBC)	2,167	2,720	43,469	25	3,370	51,751	142
Reformulated	13	1	286	—	2	302	1
Conventional	2,154	2,719	43,183	25	3,369	51,449	141
Aviation Gasoline Blend. Comp.	—	—	—	—	—	—	—
Finished Petroleum Products	36,744	26,533	831,927	401	126,156	1,021,760	2,799
Finished Motor Gasoline	1,010	3,008	157,790	9	11,983	173,800	476
Reformulated	—	—	—	—	—	—	—
Conventional	1,010	3,008	157,790	9	11,983	173,800	476
Finished Aviation Gasoline	—	—	—	—	—	—	—
Kerosene-Type Jet Fuel	214	8,529	44,191	0	8,577	61,511	169
Kerosene	165	1,588	2,732	—	193	4,677	13
Distillate Fuel Oil	15,718	1,651	375,226	0	40,422	433,018	1,186
15 ppm sulfur and under ²	7,180	162	324,230	0	29,073	360,646	988
Greater than 15 ppm to 500 ppm sulfur ²	7,310	1,176	23,796	—	5,539	37,820	104
Greater than 500 ppm sulfur	1,227	313	27,201	—	5,811	34,552	95
Residual Fuel Oil	10,197	3,926	85,164	157	18,279	117,723	323
Naphtha for Petro. Feed. Use	—	—	—	—	—	—	—
Other Oils for Petro. Feed. Use	—	—	—	—	—	—	—
Special Naphthas	—	—	—	—	—	—	—
Lubricants	2,019	1,873	19,232	135	3,215	26,474	73
Waxes	841	311	227	5	65	1,449	4
Petroleum Coke	4,966	4,171	144,050	7	42,674	195,868	537
Asphalt and Road Oil	1,396	1,473	3,032	87	738	6,725	18
Miscellaneous Products	218	2	284	0	12	516	1
Total	90,331	158,221	1,331,308	6,470	147,442	1,733,771	4,750

— = No Data Reported.

¹ Crude oil exports are restricted to: (1) crude oil derived from fields under the State waters of Alaska's Cook Inlet; (2) Alaskan North Slope crude oil; (3) certain domestically produced crude oil destined for Canada; (4) shipments to U.S. territories; and (5) California crude oil to Pacific Rim countries.

² Exports of distillate fuel oil with sulfur greater than 15 ppm to 500 ppm may include distillate fuel oil with sulfur content 15 ppm and under due to product detail limitations in the exports data received from the U.S. Census Bureau.

Note: Totals may not equal sum of components due to independent rounding.

Sources: U.S. Census Bureau and EIA estimates.

Table 51. Exports of Crude Oil and Petroleum Products by Destination, December 2015
(Thousand Barrels)

Destination	Crude Oil ¹	Pentanes Plus	Liquefied Petroleum Gases	Unfinished Oils	Finished Motor Gasoline			Motor Gasoline Blending Components		
					Reformulated	Conventional	Total	Reformulated	Conventional	Total
Argentina	—	0	—	3	—	64	64	—	—	—
Australia	—	0	2	0	—	0	0	—	—	—
Bahamas	—	0	24	—	—	42	42	—	0	0
Bahrain	—	—	—	—	—	—	—	—	—	—
Belgium	—	—	259	0	—	—	—	—	—	—
Belize	—	—	—	—	—	46	46	—	0	0
Brazil	—	1	1,160	1,007	—	—	—	—	298	298
Canada	11,207	5,216	2,429	1,006	—	1,360	1,360	—	1,755	1,755
Cayman Islands	—	—	—	—	—	14	14	—	0	0
Chile	—	0	243	168	—	—	—	—	—	—
China	—	2	4,027	1,622	—	—	—	—	—	—
Colombia	—	0	30	600	—	625	625	0	815	816
Costa Rica	—	0	96	—	—	348	348	0	334	334
Denmark	—	—	—	—	—	—	—	—	—	—
Dominican Republic	—	0	1,059	—	—	18	18	—	—	—
Ecuador	—	—	873	—	—	777	777	—	764	764
Egypt	—	—	—	—	—	—	—	—	—	—
El Salvador	—	0	0	—	—	176	176	—	0	0
Finland	—	—	—	—	—	—	—	—	—	—
France	—	10	802	20	—	—	—	—	—	—
Germany	—	0	—	3	—	—	—	—	—	—
Ghana	—	0	—	—	—	—	—	—	—	—
Gibraltar	—	—	—	—	—	—	—	—	—	—
Greece	—	—	—	—	—	—	—	—	—	—
Guatemala	—	1	79	0	—	665	665	—	—	—
Honduras	—	—	667	0	—	285	285	—	—	—
Hong Kong	—	0	—	0	—	—	—	—	—	—
India	—	0	—	6	—	—	—	—	—	—
Indonesia	—	—	—	0	—	750	750	—	—	—
Ireland	—	—	—	—	—	—	—	—	—	—
Israel	—	—	—	0	—	—	—	—	—	—
Italy	—	—	58	1,366	—	—	—	—	—	—
Jamaica	—	0	41	—	—	1	1	—	—	—
Japan	—	0	2,804	2	—	4	4	—	—	—
Korea, South	—	0	1,083	10	—	0	0	0	0	1
Lebanon	—	—	—	—	—	—	—	—	—	—
Mexico	—	16	4,967	344	—	9,438	9,438	2	2,574	2,576
Montenegro	—	—	—	—	—	—	—	—	—	—
Morocco	—	—	—	—	—	0	0	—	—	—
Mozambique	—	—	—	—	—	—	—	—	—	—
Netherlands	—	13	1,404	2,125	—	426	426	—	—	—
Netherlands Antilles	—	—	—	—	—	—	—	—	—	—
New Zealand	—	—	—	—	—	0	0	—	—	—
Nicaragua	—	0	—	—	—	—	—	—	—	—
Nigeria	—	—	141	0	—	300	300	—	—	—
Norway	—	—	—	—	—	—	—	—	0	0
Pakistan	—	—	—	—	—	—	—	—	—	—
Panama	—	—	36	166	—	359	359	—	161	161
Peru	—	—	—	—	—	470	470	—	260	260
Philippines	—	—	—	—	—	1	1	—	81	81
Portugal	—	—	362	—	—	—	—	—	—	—
Puerto Rico	—	0	0	0	—	3	3	—	0	0
Romania	—	—	—	—	—	—	—	—	—	—
Saudi Arabia	—	—	—	0	—	—	—	—	0	0
Serbia	—	—	—	—	—	—	—	—	—	—
Singapore	—	0	2,606	493	—	751	751	—	—	—
South Africa	—	—	1	—	—	—	—	—	—	—
Spain	524	0	722	—	—	—	—	—	—	—
Switzerland	436	—	—	450	—	—	—	—	—	—
Taiwan	—	0	0	—	—	—	—	—	—	—
Thailand	—	—	—	0	—	—	—	—	—	—
Trinidad and Tobago	—	—	—	0	—	0	0	—	—	—
Turkey	—	—	543	—	—	—	—	—	—	—
United Arab Emirates	—	—	0	0	—	—	—	—	—	—
United Kingdom	—	—	591	0	—	—	—	—	0	0
Venezuela	—	—	—	959	—	—	—	—	—	—
Other	—	2	718	4	—	870	870	1	5	4
Total	12,167	5,261	27,827	10,354	—	17,793	17,793	3	7,047	7,050

See footnotes at end of table.

Table 51. Exports of Crude Oil and Petroleum Products by Destination, December 2015
(Thousand Barrels) — Continued

Destination	Oxygenates		Renewable Fuels				Distillate Fuel Oil ²				Total
	Methyl Tertiary Butyl Ether (MTBE)	Other Oxygenates	Fuel Ethanol	Biomass-Based Diesel	Other Renewable Diesel	Other Renewable Fuels	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	501 to 2000 ppm	Greater than 2000 ppm	
Argentina	—	—	0	—	—	—	1,989	—	—	—	1,989
Australia	—	0	0	—	—	—	0	—	—	—	0
Bahamas	—	0	1	—	—	—	862	—	37	—	899
Bahrain	—	—	—	—	—	—	—	—	—	—	—
Belgium	6	—	62	—	—	—	378	—	—	—	378
Belize	—	—	—	—	—	—	—	—	—	—	—
Brazil	—	—	152	0	—	—	2,963	—	438	—	3,401
Canada	—	0	507	33	—	—	221	307	61	—	589
Cayman Islands	—	—	—	—	—	—	32	—	—	—	32
Chile	151	—	1	—	—	—	3,129	—	—	—	3,129
China	0	0	252	—	—	—	—	0	—	—	0
Colombia	—	0	0	—	—	—	3,959	—	—	—	3,959
Costa Rica	—	0	0	—	—	—	484	—	—	—	484
Denmark	—	—	—	—	—	—	—	—	—	—	—
Dominican Republic	—	—	—	—	—	—	203	—	—	—	203
Ecuador	—	—	—	—	—	—	1,263	256	—	—	1,519
Egypt	—	—	—	—	—	—	—	—	—	—	—
El Salvador	—	—	0	—	—	—	—	155	116	—	271
Finland	—	—	0	—	—	—	—	—	—	—	—
France	0	0	—	—	—	—	3,185	367	—	—	3,552
Germany	—	0	—	—	—	—	—	—	—	—	—
Ghana	—	—	—	—	—	—	—	—	—	—	—
Gibraltar	—	—	—	—	—	—	928	—	277	—	1,205
Greece	—	—	—	—	—	—	—	—	—	—	—
Guatemala	—	—	0	—	—	—	50	633	—	—	683
Honduras	—	—	0	—	—	—	—	459	—	—	459
Hong Kong	—	—	0	—	—	—	—	—	—	—	—
India	0	0	2	—	—	—	0	—	—	—	0
Indonesia	—	—	—	—	—	—	—	—	—	—	—
Ireland	—	—	—	—	—	—	—	—	—	—	—
Israel	—	0	—	—	—	—	231	—	—	—	231
Italy	—	—	0	—	—	—	315	—	—	—	315
Jamaica	—	—	0	—	—	—	42	—	60	—	102
Japan	—	651	0	—	—	—	0	—	—	—	0
Korea, South	—	0	34	—	—	—	—	—	—	—	—
Lebanon	—	0	—	—	—	—	—	—	—	—	—
Mexico	650	1	59	87	—	—	4,328	0	1	—	4,329
Montenegro	—	—	—	—	—	—	—	—	—	—	—
Morocco	—	—	—	—	—	—	964	—	—	—	964
Mozambique	—	—	—	—	—	—	—	—	—	—	—
Netherlands	—	0	209	—	—	—	3,498	382	323	—	4,203
Netherlands Antilles	—	—	—	—	—	—	—	—	—	—	—
New Zealand	—	—	0	—	—	—	—	—	—	—	—
Nicaragua	—	—	—	0	—	—	—	—	—	—	—
Nigeria	—	—	—	—	—	—	—	—	—	—	—
Norway	—	—	—	—	—	—	—	—	—	—	—
Pakistan	—	0	—	—	—	—	—	—	—	—	—
Panama	—	—	—	—	—	—	1,295	551	—	—	1,846
Peru	—	0	96	13	—	—	2,414	—	—	—	2,414
Philippines	—	0	210	—	—	—	200	0	—	—	200
Portugal	—	—	—	—	—	—	—	—	—	—	—
Puerto Rico	—	0	2	—	—	—	0	—	—	—	0
Romania	—	—	—	—	—	—	477	—	—	—	477
Saudi Arabia	—	0	—	—	—	—	—	—	—	—	—
Serbia	—	—	—	—	—	—	—	—	—	—	—
Singapore	—	0	37	—	—	—	—	—	724	—	724
South Africa	—	—	—	1	—	—	—	—	—	—	—
Spain	—	—	—	—	—	—	0	—	—	—	0
Switzerland	—	—	0	—	—	—	—	—	—	—	—
Taiwan	—	—	1	—	—	—	—	—	—	—	—
Thailand	—	0	—	—	—	—	—	—	—	—	—
Trinidad and Tobago	—	—	0	—	—	—	—	—	—	—	—
Turkey	—	—	—	—	—	—	58	—	—	—	58
United Arab Emirates	—	0	0	—	—	—	—	—	—	—	—
United Kingdom	—	0	1	0	—	—	1,274	—	—	—	1,274
Venezuela	220	—	—	—	—	—	—	—	—	—	—
Other	1	2	323	0	—	—	438	698	202	—	1,337
Total	1,028	654	1,949	133	—	—	35,180	3,808	2,239	—	41,226

See footnotes at end of table.

Table 51. Exports of Crude Oil and Petroleum Products by Destination, December 2015
(Thousand Barrels) — Continued

Destination	Kerosene	Finished Aviation Gasoline	Aviation Gasoline Blending Components	Kerosene-Type Jet Fuel	Special Naphthas	Residual Fuel Oil	Petrochemical Feedstocks	
							Naphtha	Other Oils
Argentina	—	—	—	19	—	—	—	—
Australia	—	—	—	—	—	—	—	—
Bahamas	—	—	—	36	—	440	—	—
Bahrain	—	—	—	—	—	—	—	—
Belgium	—	—	—	—	—	—	—	—
Belize	—	—	—	—	—	—	—	—
Brazil	—	—	—	—	—	0	—	—
Canada	93	—	—	1,573	—	1,075	—	—
Cayman Islands	—	—	—	10	—	0	—	—
Chile	0	—	—	445	—	—	—	—
China	0	—	—	—	—	359	—	—
Colombia	0	—	—	—	—	—	—	—
Costa Rica	0	—	—	110	—	0	—	—
Denmark	—	—	—	—	—	—	—	—
Dominican Republic	0	—	—	110	—	0	—	—
Ecuador	—	—	—	—	—	66	—	—
Egypt	—	—	—	—	—	366	—	—
El Salvador	—	—	—	22	—	—	—	—
Finland	—	—	—	—	—	—	—	—
France	—	—	—	—	—	—	—	—
Germany	0	—	—	—	—	—	—	—
Ghana	—	—	—	—	—	—	—	—
Gibraltar	—	—	—	311	—	—	—	—
Greece	—	—	—	—	—	—	—	—
Guatemala	0	—	—	28	—	261	—	—
Honduras	0	—	—	38	—	113	—	—
Hong Kong	—	—	—	—	—	—	—	—
India	—	—	—	—	—	—	—	—
Indonesia	0	—	—	—	—	—	—	—
Ireland	—	—	—	—	—	0	—	—
Israel	0	—	—	102	—	—	—	—
Italy	—	—	—	—	—	—	—	—
Jamaica	0	—	—	—	—	241	—	—
Japan	1	—	—	—	—	—	—	—
Korea, South	—	—	—	—	—	0	—	—
Lebanon	—	—	—	—	—	414	—	—
Mexico	1	—	—	922	—	1,377	—	—
Montenegro	—	—	—	—	—	—	—	—
Morocco	—	—	—	—	—	—	—	—
Mozambique	—	—	—	—	—	—	—	—
Netherlands	1	—	—	—	—	1,270	—	—
Netherlands Antilles	—	—	—	—	—	—	—	—
New Zealand	—	—	—	—	—	—	—	—
Nicaragua	0	—	—	—	—	—	—	—
Nigeria	280	—	—	—	—	—	—	—
Norway	—	—	—	—	—	—	—	—
Pakistan	—	—	—	—	—	—	—	—
Panama	—	—	—	569	—	575	—	—
Peru	—	—	—	450	—	0	—	—
Philippines	—	—	—	—	—	—	—	—
Portugal	—	—	—	—	—	—	—	—
Puerto Rico	—	—	—	—	—	—	—	—
Romania	—	—	—	—	—	—	—	—
Saudi Arabia	—	—	—	—	—	—	—	—
Serbia	—	—	—	—	—	—	—	—
Singapore	0	—	—	—	—	1,727	—	—
South Africa	—	—	—	—	—	—	—	—
Spain	—	—	—	—	—	—	—	—
Switzerland	—	—	—	—	—	—	—	—
Taiwan	—	—	—	—	—	—	—	—
Thailand	—	—	—	—	—	—	—	—
Trinidad and Tobago	0	—	—	—	—	—	—	—
Turkey	—	—	—	—	—	—	—	—
United Arab Emirates	0	—	—	—	—	969	—	—
United Kingdom	—	—	—	—	—	—	—	—
Venezuela	—	—	—	—	—	—	—	—
Other	1	—	—	66	—	487	—	—
Total	377	—	—	4,811	—	9,740	—	—

See footnotes at end of table.

Table 51. Exports of Crude Oil and Petroleum Products by Destination, December 2015
(Thousand Barrels) — Continued

Destination	Waxes	Petroleum Coke	Asphalt and Road Oil	Lubricants	Miscellaneous Products	Total Products	Total Crude Oil and Products	Daily Average		
								Crude Oil	Products	Total
Argentina	0	0	0	159	2	2,235	2,235	—	72	72
Australia	0	302	—	34	1	341	341	—	11	11
Bahamas	—	—	1	2	—	1,445	1,445	—	47	47
Bahrain	—	—	—	0	—	0	0	—	0	0
Belgium	3	6	—	230	0	944	944	—	30	30
Belize	—	—	—	1	—	48	48	—	2	2
Brazil	0	1,517	0	170	1	7,709	7,709	—	249	249
Canada	85	737	160	261	8	16,887	28,093	362	545	906
Cayman Islands	—	—	1	3	—	59	59	—	2	2
Chile	0	—	1	94	0	4,234	4,234	—	137	137
China	2	853	1	27	1	7,147	7,147	—	231	231
Colombia	0	0	0	56	0	6,087	6,087	—	196	196
Costa Rica	0	—	—	22	0	1,394	1,394	—	45	45
Denmark	—	—	—	0	—	0	0	—	0	0
Dominican Republic	0	399	35	27	—	1,852	1,852	—	60	60
Ecuador	0	212	0	71	0	4,283	4,283	—	138	138
Egypt	—	308	0	1	0	675	675	—	22	22
El Salvador	0	270	—	5	—	744	744	—	24	24
Finland	—	292	—	1	—	294	294	—	9	9
France	3	272	—	25	0	4,684	4,684	—	151	151
Germany	1	0	1	84	1	90	90	—	3	3
Ghana	—	—	—	5	—	5	5	—	0	0
Gibraltar	—	—	—	—	—	1,515	1,515	—	49	49
Greece	—	1,060	—	0	—	1,060	1,060	—	34	34
Guatemala	0	—	1	16	—	1,735	1,735	—	56	56
Honduras	—	—	30	8	—	1,600	1,600	—	52	52
Hong Kong	0	—	—	1	0	2	2	—	0	0
India	1	2,360	1	18	0	2,388	2,388	—	77	77
Indonesia	0	—	2	0	—	752	752	—	24	24
Ireland	—	—	—	0	—	0	0	—	0	0
Israel	0	303	—	1	—	638	638	—	21	21
Italy	—	553	—	6	0	2,298	2,298	—	74	74
Jamaica	—	—	—	20	0	404	404	—	13	13
Japan	1	2,983	1	20	4	6,472	6,472	—	209	209
Korea, South	0	833	0	3	0	1,966	1,966	—	63	63
Lebanon	0	227	—	1	—	642	642	—	21	21
Mexico	12	983	139	373	20	26,294	26,294	—	848	848
Montenegro	—	—	—	—	—	—	—	—	—	—
Morocco	—	216	—	0	—	1,179	1,179	—	38	38
Mozambique	—	—	—	0	—	0	0	—	0	0
Netherlands	1	37	1	1	4	9,695	9,695	—	313	313
Netherlands Antilles	—	—	—	—	—	—	—	—	—	—
New Zealand	0	41	—	0	—	42	42	—	1	1
Nicaragua	—	—	—	5	—	5	5	—	0	0
Nigeria	—	—	—	2	—	723	723	—	23	23
Norway	—	53	0	0	—	53	53	—	2	2
Pakistan	—	0	0	0	—	0	0	—	0	0
Panama	—	—	—	10	—	3,722	3,722	—	120	120
Peru	0	—	—	50	0	3,754	3,754	—	121	121
Philippines	0	0	—	2	0	494	494	—	16	16
Portugal	0	198	—	0	—	560	560	—	18	18
Puerto Rico	0	—	1	13	0	20	20	—	1	1
Romania	—	275	—	0	—	752	752	—	24	24
Saudi Arabia	0	152	—	13	—	166	166	—	5	5
Serbia	—	—	—	—	—	—	—	—	—	—
Singapore	0	—	0	3	0	6,343	6,343	—	205	205
South Africa	0	1	—	78	0	81	81	—	3	3
Spain	0	1,216	163	1	—	2,102	2,626	17	68	85
Switzerland	—	—	—	0	—	451	887	14	15	29
Taiwan	0	0	1	4	0	7	7	—	0	0
Thailand	0	0	1	2	0	4	4	—	0	0
Trinidad and Tobago	—	0	—	11	—	12	12	—	0	0
Turkey	—	3,092	—	1	—	3,694	3,694	—	119	119
United Arab Emirates	0	0	0	26	—	996	996	—	32	32
United Kingdom	0	3	1	1	0	1,871	1,871	—	60	60
Venezuela	—	—	—	0	—	1,179	1,179	—	38	38
Other	4	668	13	53	2	4,531	4,532	0	146	146
Total	113	20,422	555	2,021	44	151,359	163,526	392	4,883	5,275

— = No Data Reported.

¹ Crude oil exports are restricted to: (1) crude oil derived from fields under the State waters of Alaska's Cook Inlet; (2) Alaskan North Slope crude oil; (3) certain domestically produced crude oil destined for Canada; (4) shipments to U.S. territories; and (5) California crude oil to Pacific Rim countries.

² Exports of distillate fuel oil with sulfur greater than 15 ppm to 500 ppm may include distillate fuel oil with sulfur content 15 ppm and under. Exports of distillate fuel oil with sulfur content greater than 500 ppm to 2000 ppm may include distillate fuel oil with sulfur content greater than 2000 ppm. This is due to product detail limitations in exports data received from the U.S. Census Bureau.

Note: Totals may not equal sum of components due to independent rounding.

Sources: U.S. Census Bureau and EIA estimates.

Table 52. Year-to-Date Exports of Crude Oil and Petroleum Products by Destination, January-December 2015
(Thousand Barrels)

Destination	Crude Oil ¹	Pentanes Plus	Liquefied Petroleum Gases	Unfinished Oils	Finished Motor Gasoline			Motor Gasoline Blending Components		
					Reformulated	Conventional	Total	Reformulated	Conventional	Total
Argentina	—	5	1	206	—	974	974	—	0	0
Australia	—	8	23	2	—	303	303	1	0	1
Bahamas	—	1	310	297	—	1,452	1,452	0	867	867
Bahrain	—	—	—	0	—	3	3	—	—	—
Belgium	—	11	3,037	331	—	—	—	—	1	1
Belize	—	0	0	—	—	199	199	—	0	0
Brazil	650	28	17,335	8,257	—	464	464	—	1,157	1,157
Canada	154,208	65,830	31,796	4,472	—	5,888	5,888	2	14,024	14,026
Cayman Islands	—	0	633	—	—	180	180	—	0	0
Chile	—	1	6,700	1,544	—	3,758	3,758	0	320	320
China	420	37	40,637	6,265	—	59	59	—	152	152
Colombia	—	13	55	14,223	—	10,730	10,730	1	1,763	1,764
Costa Rica	—	1	1,349	4	—	5,728	5,728	0	1,513	1,513
Denmark	—	0	—	—	—	—	—	—	—	—
Dominican Republic	—	1	11,841	11	—	914	914	—	130	130
Ecuador	—	0	9,656	131	—	12,207	12,207	—	1,659	1,659
Egypt	—	0	1,055	0	—	2	2	—	0	0
El Salvador	—	0	0	2	—	3,296	3,296	0	0	0
Finland	—	—	—	0	—	0	0	—	—	—
France	625	117	2,529	1,984	—	1	1	198	0	199
Germany	—	0	—	21	—	6	6	—	0	0
Ghana	—	0	1,187	—	—	0	0	—	—	—
Gibraltar	—	—	578	—	—	—	—	—	—	—
Greece	—	—	578	0	—	0	0	—	0	0
Guatemala	—	9	2,642	12	—	10,072	10,072	—	213	213
Honduras	—	2	5,620	3	—	3,877	3,877	—	—	—
Hong Kong	—	0	0	2	—	—	—	—	—	—
India	309	3	0	88	—	0	0	0	0	0
Indonesia	—	0	—	25	—	753	753	—	—	—
Ireland	—	—	—	0	—	0	0	—	—	—
Israel	—	0	6	11	—	460	460	40	2	43
Italy	1,558	0	58	7,382	—	—	—	—	0	0
Jamaica	—	1	871	2	—	4	4	—	—	—
Japan	—	3	25,433	2,462	—	11	11	0	9	9
Korea, South	972	11	13,420	3,277	—	5	5	1	44	45
Lebanon	—	—	—	0	—	0	0	—	—	—
Mexico	—	169	33,130	5,152	—	85,065	85,065	47	26,831	26,877
Montenegro	—	—	—	—	—	—	—	—	—	—
Morocco	—	0	2,985	19	—	1	1	—	—	—
Mozambique	—	—	—	—	—	—	—	—	—	—
Netherlands	2,165	213	16,696	13,180	—	576	576	—	53	53
Netherlands Antilles	—	—	—	—	—	—	—	—	—	—
New Zealand	—	0	6	0	—	0	0	—	0	0
Nicaragua	—	1	—	160	—	151	151	—	—	—
Nigeria	—	0	1,719	0	—	616	616	—	—	—
Norway	—	0	—	—	—	0	0	—	0	0
Pakistan	—	—	—	—	—	—	—	—	—	—
Panama	—	0	10,031	467	—	10,912	10,912	—	247	247
Peru	—	3	766	403	—	3,938	3,938	—	985	985
Philippines	—	0	—	2	—	276	276	—	138	138
Portugal	—	—	1,998	—	—	—	—	—	—	—
Puerto Rico	—	5	22	6	—	27	27	0	1	1
Romania	—	—	—	—	—	0	0	—	—	—
Saudi Arabia	—	0	0	24	—	2	2	0	0	1
Serbia	—	—	—	—	—	—	—	—	—	—
Singapore	—	1	10,987	1,623	—	2,075	2,075	0	0	1
South Africa	—	0	1,016	0	—	44	44	—	—	—
Spain	2,612	0	4,125	0	—	939	939	—	0	0
Switzerland	3,736	0	1,513	1,951	—	—	—	—	0	0
Taiwan	—	3	1	1,197	—	1	1	—	0	0
Thailand	—	0	0	6	—	—	—	0	0	0
Trinidad and Tobago	—	1	3	13	—	2	2	0	1	1
Turkey	—	1	3,254	0	—	0	0	—	1	1
United Arab Emirates	—	0	1	2	—	2	2	—	0	0
United Kingdom	—	0	7,645	653	—	6	6	0	0	0
Venezuela	—	1	1,198	14,384	—	2,196	2,196	1	1,162	1,162
Other	3	14	12,076	5,505	—	5,625	5,625	11	176	185
Total	167,258	66,494	286,522	95,761	—	173,800	173,800	302	51,449	51,751

See footnotes at end of table.

Table 52. Year-to-Date Exports of Crude Oil and Petroleum Products by Destination, January-December 2015
(Thousand Barrels) — Continued

Destination	Oxygenates		Renewable Fuels				Distillate Fuel Oil ²				Total
	Methyl Tertiary Butyl Ether (MTBE)	Other Oxygenates	Fuel Ethanol	Biomass-Based Diesel	Other Renewable Diesel	Other Renewable Fuels	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	501 to 2000 ppm	Greater than 2000 ppm	
Argentina	—	0	2	—	—	—	18,509	383	1,524	—	20,415
Australia	—	0	1	—	—	—	0	—	0	—	0
Bahamas	—	5	3	—	—	—	2,292	29	1,025	—	3,346
Bahrain	—	—	—	—	—	—	—	—	—	—	—
Belgium	52	0	63	0	—	—	6,149	1,207	829	—	8,186
Belize	—	0	0	—	—	—	—	—	—	—	—
Brazil	0	0	2,771	0	—	—	16,318	1,071	2,443	—	19,832
Canada	—	3	5,935	1,787	—	—	1,624	8,559	660	—	10,843
Cayman Islands	—	—	0	0	—	—	482	—	46	—	528
Chile	2,038	0	21	—	—	—	35,248	1,507	—	—	36,755
China	0	1	1,680	—	—	—	6	0	—	—	6
Colombia	—	0	52	0	—	—	32,509	—	285	—	32,794
Costa Rica	59	0	1	0	—	—	6,893	—	585	—	7,478
Denmark	—	—	—	—	—	—	300	—	—	—	300
Dominican Republic	—	—	5	—	—	—	2,167	1,765	2,015	—	5,947
Ecuador	—	0	0	—	—	—	16,250	1,509	264	—	18,022
Egypt	0	—	3	—	—	—	410	132	—	—	541
El Salvador	—	—	0	—	—	—	868	956	1,160	—	2,984
Finland	—	0	0	—	—	—	—	—	—	—	—
France	164	2	0	—	—	—	29,927	915	598	—	31,440
Germany	—	0	3	—	—	—	2,010	—	—	—	2,010
Ghana	—	—	1	0	—	—	329	—	—	—	329
Gibraltar	—	—	—	—	—	—	14,981	717	1,500	—	17,199
Greece	—	—	—	—	—	—	0	—	—	—	0
Guatemala	—	—	1	—	—	—	3,755	2,518	843	—	7,116
Honduras	—	—	0	—	—	—	2,309	1,961	1,333	—	5,603
Hong Kong	—	1	1	—	—	—	1	—	—	—	1
India	0	1	1,118	0	—	—	1	0	—	—	1
Indonesia	0	0	0	—	—	—	—	—	—	—	—
Ireland	—	0	3	0	—	—	—	—	—	—	—
Israel	—	0	1	—	—	—	806	—	—	—	806
Italy	—	0	0	—	—	—	1,281	—	—	—	1,281
Jamaica	—	—	308	—	—	—	438	173	949	—	1,560
Japan	0	8,456	2	—	—	—	2	—	—	—	2
Korea, South	0	1	1,418	0	—	—	162	—	—	—	162
Lebanon	—	0	1	—	—	—	275	247	276	—	798
Mexico	6,977	17	803	280	—	—	51,673	408	65	—	52,147
Montenegro	—	—	—	—	—	—	—	—	—	—	—
Morocco	—	—	—	—	—	—	3,727	—	—	—	3,727
Mozambique	—	—	—	—	—	—	—	—	—	—	—
Netherlands	—	0	809	—	—	—	30,877	5,354	5,553	—	41,785
Netherlands Antilles	—	—	—	—	—	—	—	—	—	—	—
New Zealand	—	0	0	—	—	—	0	—	—	—	0
Nicaragua	—	—	1	0	—	—	187	190	—	—	377
Nigeria	—	0	161	—	—	—	325	—	—	—	325
Norway	—	0	27	—	—	—	1,157	—	—	—	1,157
Pakistan	—	0	0	—	—	—	—	—	—	—	—
Panama	—	0	4	0	—	—	13,923	2,785	2,102	—	18,810
Peru	—	0	655	21	—	—	20,030	25	275	—	20,330
Philippines	—	0	1,703	—	—	—	288	0	—	—	289
Portugal	—	—	—	—	—	—	—	—	—	—	—
Puerto Rico	0	3	191	0	—	—	1	—	0	—	1
Romania	—	—	—	—	—	—	796	—	—	—	796
Saudi Arabia	0	0	6	—	—	—	1	—	—	—	1
Serbia	—	—	—	—	—	—	—	—	—	—	—
Singapore	—	7	215	—	—	—	610	294	3,039	—	3,943
South Africa	—	0	0	1	—	—	3	—	—	—	3
Spain	—	0	0	—	—	—	2,166	—	72	—	2,238
Switzerland	—	0	83	—	—	—	3,109	—	300	—	3,408
Taiwan	0	0	11	—	—	—	0	—	0	—	1
Thailand	—	0	—	—	—	—	1	—	—	—	1
Trinidad and Tobago	—	0	0	0	—	—	160	—	—	—	160
Turkey	—	0	2	—	—	—	2,661	—	—	—	2,661
United Arab Emirates	—	0	617	0	—	—	0	—	—	—	0
United Kingdom	—	1	4	3	—	—	19,040	1,086	187	—	20,313
Venezuela	4,177	0	0	—	—	—	2,225	—	1,181	—	3,406
Other	60	3	1,417	1	—	—	11,384	4,029	5,443	—	20,854
Total	13,527	8,501	20,103	2,093	—	—	360,646	37,820	34,552	—	433,018

See footnotes at end of table.

Table 52. Year-to-Date Exports of Crude Oil and Petroleum Products by Destination, January-December 2015
(Thousand Barrels) — Continued

Destination	Kerosene	Finished Aviation Gasoline	Aviation Gasoline Blending Components	Kerosene-Type Jet Fuel	Special Naphthas	Residual Fuel Oil	Petrochemical Feedstocks	
							Naphtha	Other Oils
Argentina	0	—	—	777	—	0	—	—
Australia	—	—	—	—	—	0	—	—
Bahamas	1	—	—	525	—	4,573	—	—
Bahrain	—	—	—	—	—	—	—	—
Belgium	1	—	—	640	—	0	—	—
Belize	—	—	—	—	—	—	—	—
Brazil	0	—	—	982	—	1,080	—	—
Canada	3,298	—	—	18,578	—	13,664	—	—
Cayman Islands	—	—	—	49	—	0	—	—
Chile	1	—	—	1,850	—	33	—	—
China	3	—	—	1	—	361	—	—
Colombia	4	—	—	2,239	—	410	—	—
Costa Rica	0	—	—	1,365	—	398	—	—
Denmark	—	—	—	525	—	794	—	—
Dominican Republic	1	—	—	750	—	1,790	—	—
Ecuador	2	—	—	206	—	1,873	—	—
Egypt	0	—	—	—	—	6,214	—	—
El Salvador	0	—	—	214	—	830	—	—
Finland	21	—	—	584	—	0	—	—
France	0	—	—	—	—	388	—	—
Germany	0	—	—	0	—	10	—	—
Ghana	1	—	—	—	—	0	—	—
Gibraltar	—	—	—	483	—	2,197	—	—
Greece	—	—	—	—	—	—	—	—
Guatemala	0	—	—	374	—	2,544	—	—
Honduras	1	—	—	579	—	3,824	—	—
Hong Kong	1	—	—	0	—	0	—	—
India	0	—	—	—	—	230	—	—
Indonesia	0	—	—	—	—	—	—	—
Ireland	—	—	—	—	—	0	—	—
Israel	1	—	—	1,697	—	—	—	—
Italy	—	—	—	—	—	0	—	—
Jamaica	0	—	—	81	—	2,999	—	—
Japan	3	—	—	1	—	0	—	—
Korea, South	1	—	—	—	—	0	—	—
Lebanon	0	—	—	—	—	4,124	—	—
Mexico	59	—	—	8,475	—	9,573	—	—
Montenegro	—	—	—	—	—	—	—	—
Morocco	—	—	—	—	—	665	—	—
Mozambique	—	—	—	—	—	—	—	—
Netherlands	5	—	—	1,230	—	9,533	—	—
Netherlands Antilles	—	—	—	—	—	—	—	—
New Zealand	—	—	—	—	—	—	—	—
Nicaragua	0	—	—	0	—	0	—	—
Nigeria	1,252	—	—	5,233	—	0	—	—
Norway	—	—	—	801	—	—	—	—
Pakistan	—	—	—	—	—	—	—	—
Panama	6	—	—	5,818	—	11,649	—	—
Peru	1	—	—	1,500	—	0	—	—
Philippines	—	—	—	—	—	0	—	—
Portugal	—	—	—	—	—	—	—	—
Puerto Rico	0	—	—	—	—	671	—	—
Romania	—	—	—	—	—	0	—	—
Saudi Arabia	0	—	—	—	—	0	—	—
Serbia	—	—	—	—	—	—	—	—
Singapore	2	—	—	0	—	28,042	—	—
South Africa	—	—	—	30	—	0	—	—
Spain	—	—	—	22	—	0	—	—
Switzerland	—	—	—	300	—	269	—	—
Taiwan	—	—	—	—	—	1	—	—
Thailand	—	—	—	—	—	1	—	—
Trinidad and Tobago	0	—	—	35	—	0	—	—
Turkey	1	—	—	—	—	0	—	—
United Arab Emirates	2	—	—	0	—	969	—	—
United Kingdom	—	—	—	1,956	—	817	—	—
Venezuela	3	—	—	—	—	1,950	—	—
Other	6	—	—	3,611	—	5,247	—	—
Total	4,677	—	—	61,511	—	117,723	—	—

See footnotes at end of table.

Table 52. Year-to-Date Exports of Crude Oil and Petroleum Products by Destination, January-December 2015
(Thousand Barrels) — Continued

Destination	Waxes	Petroleum Coke	Asphalt and Road Oil	Lubricants	Miscellaneous Products	Total Products	Total Crude Oil and Products	Daily Average		
								Crude Oil	Products	Total
Argentina	3	3	3	643	4	23,035	23,035	—	63	63
Australia	3	2,477	57	246	5	3,127	3,127	—	9	9
Bahamas	—	—	17	29	—	11,425	11,425	—	31	31
Bahrain	0	—	—	6	—	9	9	—	0	0
Belgium	16	2,161	2	2,695	1	17,195	17,195	—	47	47
Belize	—	—	—	14	—	214	214	—	1	1
Brazil	5	12,450	2	2,832	7	67,203	67,853	2	184	186
Canada	1,070	9,501	2,502	2,800	76	192,071	346,279	422	526	949
Cayman Islands	—	—	3	23	—	1,417	1,417	—	4	4
Chile	6	275	504	994	1	54,802	54,802	—	150	150
China	34	18,337	30	585	8	68,197	68,617	1	187	188
Colombia	3	3	3	1,166	4	63,463	63,463	—	174	174
Costa Rica	0	519	229	262	1	18,907	18,907	—	52	52
Denmark	1	563	0	2	—	2,184	2,184	—	6	6
Dominican Republic	1	2,041	312	272	1	24,018	24,018	—	66	66
Ecuador	2	1,598	2	508	0	45,868	45,868	—	126	126
Egypt	2	1,652	1	38	3	9,510	9,510	—	26	26
El Salvador	0	518	—	255	—	8,100	8,100	—	22	22
Finland	—	569	0	11	—	1,186	1,186	—	3	3
France	17	2,065	0	715	0	39,620	40,245	2	109	110
Germany	13	793	10	481	9	3,357	3,357	—	9	9
Ghana	—	—	0	7	—	1,525	1,525	—	4	4
Gibraltar	—	—	—	—	—	20,456	20,456	—	56	56
Greece	0	5,129	—	5	—	5,712	5,712	—	16	16
Guatemala	1	1,104	36	242	—	24,365	24,365	—	67	67
Honduras	0	997	64	125	—	20,695	20,695	—	57	57
Hong Kong	4	—	0	20	2	31	31	—	0	0
India	23	26,224	11	1,020	2	28,719	29,029	1	79	80
Indonesia	2	1	13	19	1	814	814	—	2	2
Ireland	0	1,021	—	1	0	1,026	1,026	—	3	3
Israel	1	1,515	0	42	0	4,583	4,583	—	13	13
Italy	6	7,438	1	104	1	16,272	17,831	4	45	49
Jamaica	0	—	1	200	1	6,029	6,029	—	17	17
Japan	13	23,421	7	226	39	60,088	60,088	—	165	165
Korea, South	4	3,833	19	58	6	22,260	23,233	3	61	64
Lebanon	1	1,560	—	44	—	6,528	6,528	—	18	18
Mexico	171	15,752	1,765	4,177	273	250,863	250,863	—	687	687
Montenegro	—	—	—	—	—	—	—	—	—	—
Morocco	—	5,238	—	5	—	12,640	12,640	—	35	35
Mozambique	—	695	—	0	—	695	695	—	2	2
Netherlands	12	2,344	12	280	34	86,761	88,927	6	238	244
Netherlands Antilles	—	—	—	—	—	—	—	—	—	—
New Zealand	0	586	5	14	—	613	613	—	2	2
Nicaragua	0	242	—	65	—	997	997	—	3	3
Nigeria	0	121	1	290	—	9,718	9,718	—	27	27
Norway	1	1,082	12	4	0	3,084	3,084	—	8	8
Pakistan	0	0	1	4	0	6	6	—	0	0
Panama	0	928	251	235	1	59,361	59,361	—	163	163
Peru	1	214	2	904	1	29,726	29,726	—	81	81
Philippines	1	1	1	24	1	2,435	2,435	—	7	7
Portugal	0	1,440	—	1	—	3,439	3,439	—	9	9
Puerto Rico	1	266	3	150	0	1,346	1,346	—	4	4
Romania	—	1,306	—	2	—	2,105	2,105	—	6	6
Saudi Arabia	1	904	—	103	0	1,042	1,042	—	3	3
Serbia	—	—	—	—	—	—	—	—	—	—
Singapore	1	1	145	650	0	47,693	47,693	—	131	131
South Africa	1	476	2	667	2	2,243	2,243	—	6	6
Spain	3	10,544	207	23	0	18,103	20,715	7	50	57
Switzerland	0	0	—	19	0	7,543	11,279	10	21	31
Taiwan	3	1	7	50	2	1,278	1,278	—	4	4
Thailand	9	396	13	51	3	480	480	—	1	1
Trinidad and Tobago	0	1	2	227	0	444	444	—	1	1
Turkey	0	17,596	1	53	—	23,569	23,569	—	65	65
United Arab Emirates	1	262	3	302	0	2,163	2,163	—	6	6
United Kingdom	4	1,006	8	126	1	32,542	32,542	—	89	89
Venezuela	0	367	1	729	—	29,575	29,575	—	81	81
Other	8	6,331	454	629	26	62,038	62,037	—	164	164
Total	1,449	195,868	6,725	26,474	516	1,566,513	1,733,771	458	4,292	4,750

— = No Data Reported.

¹ Crude oil exports are restricted to: (1) crude oil derived from fields under the State waters of Alaska's Cook Inlet; (2) Alaskan North Slope crude oil; (3) certain domestically produced crude oil destined for Canada; (4) shipments to U.S. territories; and (5) California crude oil to Pacific Rim countries.

² Exports of distillate fuel oil with sulfur greater than 15 ppm to 500 ppm may include distillate fuel oil with sulfur content 15 ppm and under. Exports of distillate fuel oil with sulfur content greater than 500 ppm to 2000 ppm may include distillate fuel oil with sulfur content greater than 2000 ppm. This is due to product detail limitations in exports data received from the U.S. Census Bureau.

Note: Totals may not equal sum of components due to independent rounding.

Sources: U.S. Census Bureau and EIA estimates.

Table 53. Net Imports of Crude Oil and Petroleum Products into the United States by Country, December 2015
(Thousand Barrels per Day)

Country of Origin	Crude Oil ¹	Pentanes Plus	Liquefied Petroleum Gases	Unfinished Oils	Finished Motor Gasoline			Motor Gasoline Blending Components		
					Reformulated	Conventional	Total	Reformulated	Conventional	Total
OPEC	3,074	-	-33	71	-	-42	-42	-	17	17
Algeria	-	-	-	74	-	-10	-10	-	-	-
Angola	154	-	-	12	-	-	-	-	-	-
Ecuador	197	-	-28	-	-	-25	-25	-	-25	-25
Iran	-	-	-	-	-	-	-	-	-	-
Iraq	447	-	-	0	-	-	-	-	-	-
Kuwait	193	-	-	-	-	-	-	-	-	-
Libya	-	-	-	7	-	-	-	-	-	-
Nigeria	125	-	-5	0	-	-7	-7	-	18	18
Qatar	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	1,119	-	-	0	-	-	-	-	0	0
United Arab Emirates	-	-	0	10	-	-	-	-	-	-
Venezuela	840	-	-	-31	-	-	-	-	24	24
Non-OPEC	4,434	-159	-695	22	-	-448	-448	218	29	247
Argentina	27	0	2	0	-	-2	-2	-	7	7
Aruba	-	-	-19	-	-	-4	-4	-	-	-
Australia	3	0	0	0	-	0	0	-	-	-
Bahamas	-	0	-1	-	-	0	0	-	0	0
Bahrain	-	-	-	-	-	-	-	-	-	-
Belgium	-	-	-8	64	-	-	-	10	5	15
Brazil	193	0	-37	-32	-	2	2	-	-8	-8
Brunei	-	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-	-
Canada	3,054	-168	88	-12	-	-9	-9	92	-7	85
Chad	31	-	-	-	-	-	-	-	-	-
China	-	0	-130	-52	-	-	-	-	-	-
Colombia	321	0	-1	1	-	-20	-20	0	-18	-18
Denmark	-	-	-	-	-	-	-	-	-	-
Dominican Republic	-	0	-34	-	-	-1	-1	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	8	-	8
Finland	-	-	-	-	-	-	-	-	-	-
France	-	0	-26	48	-	-	-	27	-	27
Gabon	22	-	-	-	-	-	-	-	-	-
Germany	-	0	-	0	-	-	-	-	-	-
Guatemala	8	0	-3	0	-	-21	-21	-	-	-
Honduras	-	-	-22	0	-	-9	-9	-	-	-
India	-	0	-	0	-	-	-	-	18	18
Indonesia	43	-	-	0	-	-24	-24	-	-	-
Italy	-	-	-2	-38	-	-	-	-	-	-
Japan	-	0	-90	0	-	0	0	-	-	-
Korea, South	-	0	-35	0	-	0	0	0	0	0
Latvia	-	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	2	-	2
Malaysia	-	-	-	0	-	-1	-1	-	-	-
Mexico	707	-1	-159	-11	-	-304	-304	0	-81	-81
Netherlands	-	0	-45	-63	-	-3	-3	10	0	11
Netherlands Antilles	-	-	-	-	-	-	-	-	-	-
Norway	-	-	-	12	-	10	10	17	0	17
Oman	-	-	-	0	-	-	-	-	-	-
Panama	-	-	-1	-5	-	-12	-12	-	-5	-5
Portugal	-	-	-12	-	-	-	-	-	18	18
Puerto Rico	-	0	0	0	-	0	0	-	0	0
Russia	47	-	-	127	-	-	-	1	15	16
Spain	-17	0	-23	-	-	-	-	-	45	45
Sweden	-	-	-	-	-	-	-	0	-	0
Trinidad and Tobago	0	-	-	0	-	0	0	-	-	-
United Kingdom	-	-	-19	0	-	22	22	51	38	89
Vietnam	-	-	-	-	-	0	0	-	-	-
Virgin Islands, U.S.	-	0	0	-	-	0	0	-	-	-
Yemen	-	-	-	-	-	-	-	-	-	-
Other	-5	10	-118	-17	-	-72	-72	0	2	1
Total	7,508	-159	-728	93	-	-490	-490	218	46	264
Persian Gulf³	1,758	-	0	10	-	-	-	-	0	0

See footnotes at end of table.

Table 53. Net Imports of Crude Oil and Petroleum Products into the United States by Country, December 2015
(Thousand Barrels per Day) — Continued

Country of Origin	Oxygenates		Renewable Fuels				Distillate Fuel Oil ²				Total
	Methyl Tertiary Butyl Ether (MTBE)	Other Oxygenates	Fuel Ethanol	Biomass-Based Diesel	Other Renewable Diesel	Other Renewable Fuels	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	501 to 2000 ppm	Greater than 2000 ppm	
OPEC	-7	0	0	0	-	-	-31	-8	-	-	-39
Algeria	-	-	-	-	-	-	-	-	-	-	-
Angola	-	-	-	0	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-41	-8	-	-	-49
Iran	-	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	10	-	-	-	10
Qatar	-	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	0	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	0	0	-	-	-	-	-	-	-	-
Venezuela	-7	-	-	-	-	-	-	-	-	-	-
Non-OPEC	-25	-21	-56	30	16	-	-1,012	-113	-11	1	-1,136
Argentina	1	-	0	29	-	-	-64	-	-	-	-64
Aruba	-	-	-	-	-	-	-	-	-	-	-
Australia	-	0	0	-	-	-	0	-	-	-	0
Bahamas	-	0	0	-	-	-	-28	-	-1	-	-29
Bahrain	-	-	-	-	-	-	-	-	-	-	-
Belgium	0	-	-2	-	-	-	-12	-	-	-	-12
Brazil	-	-	2	0	-	-	-96	-	-14	-	-110
Brunei	-	-	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-	-	-
Canada	-	0	-16	1	-	-	75	-9	43	1	110
Chad	-	-	-	-	-	-	-	-	-	-	-
China	0	0	-8	-	-	-	-	0	-	-	0
Colombia	-	0	0	-	-	-	-128	-	8	-	-120
Denmark	-	-	-	-	-	-	-	-	-	-	-
Dominican Republic	-	-	-	-	-	-	-7	-	-	-	-7
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-	-	-
Finland	-	-	0	-	-	-	-	-	-	-	-
France	0	0	-	-	-	-	-103	-12	-	-	-115
Gabon	-	-	-	-	-	-	-	-	-	-	-
Germany	-	0	-	-	-	-	-	-	-	-	-
Guatemala	-	-	0	-	-	-	-2	-20	-	-	-22
Honduras	-	-	0	-	-	-	-	-15	-	-	-15
India	0	0	0	-	-	-	0	-	-	-	0
Indonesia	-	-	-	3	-	-	-	-	-	-	-
Italy	-	-	0	-	-	-	-10	-	-	-	-10
Japan	-	-21	0	-	-	-	0	-	-	-	0
Korea, South	-	0	-1	1	-	-	-	-	-	-	-
Latvia	-	-	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	0	-	-	-	0
Mexico	-21	0	-2	-3	-	-	-140	0	0	-	-140
Netherlands	-	0	-7	-	-	-	-113	-12	-10	-	-136
Netherlands Antilles	-	-	-	-	-	-	-	-	-	-	-
Norway	-	-	-	-	-	-	-	-	-	-	-
Oman	-	-	-10	-	-	-	0	-	-	-	0
Panama	-	-	-	-	-	-	-42	-18	-	-	-60
Portugal	-	-	-	-	-	-	-	-	-	-	-
Puerto Rico	-	0	0	-	-	-	0	-	-	-	0
Russia	-	-	-	-	-	-	-	0	8	-	8
Spain	-	-	-	-	-	-	0	-	-	-	0
Sweden	-	0	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	-	-	0	-	-	-	-	-	-	-	-
United Kingdom	-	0	0	0	-	-	-41	-	-	-	-41
Vietnam	-	-	-	-	-	-	0	-	-	-	0
Virgin Islands, U.S.	-	-	0	-	-	-	-	-	-	-	-
Yemen	-	-	-	-	-	-	-	-	-	-	-
Other	-5	0	-12	-1	16	-	-301	-27	-45	0	-373
Total	-32	-21	-56	30	16	-	-1,043	-122	-11	1	-1,175
Persian Gulf³	-	0	0	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 53. Net Imports of Crude Oil and Petroleum Products into the United States by Country, December 2015
(Thousand Barrels per Day) — Continued

Country of Origin	Kerosene	Finished Aviation Gasoline	Aviation Gasoline Blending Components	Kerosene-Type Jet Fuel	Special Naphthas	Residual Fuel Oil	Petrochemical Feedstocks	
							Naphtha	Other Oils
OPEC	-9	-	-	19	-	-11	3	-
Algeria	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-2	-	-
Iran	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	6	-	-
Nigeria	-9	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	3	-
United Arab Emirates	0	-	-	-	-	-31	-	-
Venezuela	-	-	-	19	-	16	-	-
Non-OPEC	5	0	-	-66	10	-82	30	4
Argentina	-	-	-	-1	-	-	1	-
Aruba	0	-	-	-	-	-13	-	-
Australia	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-1	-	-8	-	-
Bahrain	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	-	-	1	-
Brazil	-	-	-	-	2	0	1	-
Brunei	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-
Canada	-3	0	-	-43	1	57	3	3
Chad	-	-	-	-	-	-	-	-
China	8	-	-	-	-	-12	-	-
Colombia	0	-	-	-	-	30	-	-
Denmark	-	-	-	-	-	-	-	-
Dominican Republic	0	-	-	-4	-	0	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-
France	-	-	-	-	-	-	-	1
Gabon	-	-	-	-	-	-	-	-
Germany	0	-	-	-	-	-	0	-
Guatemala	0	-	-	-1	-	-8	-	-
Honduras	0	-	-	-1	-	-4	-	-
India	-	-	-	3	-	-	-	-
Indonesia	0	-	-	-	-	-	-	-
Italy	-	-	-	-	-	-	-	-
Japan	0	-	-	2	4	-	1	-
Korea, South	-	-	-	72	3	0	2	-
Latvia	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-
Mexico	0	-	-	-30	-	-12	17	-
Netherlands	0	-	-	-	-	-33	3	-
Netherlands Antilles	-	-	-	-	-	-	-	-
Norway	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-
Panama	-	-	-	-18	-	-19	-	-
Portugal	-	-	-	-	-	-	-	-
Puerto Rico	-	-	-	-	-	-	-	-
Russia	-	-	-	-	-	20	-	-
Spain	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-
Trinidad and Tobago	0	-	-	-	-	3	-	-
United Kingdom	-	-	-	-	-	-	-	-
Vietnam	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	0	-	-	-	-	0	-	-
Yemen	-	-	-	-	-	-	-	-
Other	0	0	-	-44	0	-83	1	0
Total	-4	0	-	-47	10	-93	33	4
Persian Gulf³	0	-	-	-	-	-31	3	-

See footnotes at end of table.

Table 53. Net Imports of Crude Oil and Petroleum Products into the United States by Country, December 2015
(Thousand Barrels per Day) — Continued

Country of Origin	Waxes	Petroleum Coke	Asphalt and Road Oil	Lubricants	Miscellaneous Products	Total Products	Total Crude Oil and Products
OPEC	0	-14	0	-4	0	-50	3,024
Algeria	—	—	—	0	—	64	64
Angola	—	—	0	0	—	12	166
Ecuador	0	-7	0	-2	0	-138	59
Iran	—	—	—	—	—	—	—
Iraq	—	—	—	0	—	0	447
Kuwait	—	—	0	0	—	0	193
Libya	—	—	—	0	—	12	12
Nigeria	—	—	—	0	—	7	132
Qatar	—	-3	—	0	—	-3	-3
Saudi Arabia	0	-5	—	0	—	-3	1,116
United Arab Emirates	0	0	0	-1	—	-22	861
Venezuela	—	—	—	0	—	21	—
Non-OPEC	0	-643	1	-40	-1	-3,007	1,427
Argentina	0	0	0	-5	0	-31	-4
Aruba	—	—	—	0	—	-35	-35
Australia	0	-10	—	-1	0	-11	-8
Bahamas	—	—	0	0	—	-39	-39
Bahrain	—	—	—	2	—	2	2
Belgium	0	0	—	-7	0	50	50
Brazil	0	-49	0	-5	0	-234	-41
Brunei	—	0	—	—	—	0	0
Cameroon	—	—	—	—	—	—	—
Canada	-1	-24	10	2	0	82	3,135
Chad	—	—	—	—	—	—	31
China	0	-28	0	-1	0	-222	-222
Colombia	0	0	3	-2	0	-127	194
Denmark	—	—	—	0	—	0	0
Dominican Republic	0	-13	-1	-1	—	-60	-60
Equatorial Guinea	—	—	—	0	—	0	0
Estonia	—	—	—	—	—	8	8
Finland	—	-9	—	0	—	-9	-9
France	0	-9	—	-1	0	-74	-74
Gabon	—	—	—	—	—	—	22
Germany	0	0	0	-2	0	-2	-2
Guatemala	0	—	0	-1	—	-56	-48
Honduras	—	—	-1	0	—	-52	-52
India	0	-76	0	-1	0	-56	-56
Indonesia	0	—	0	0	—	-21	22
Italy	1	-18	—	0	0	-67	-67
Japan	0	-96	0	-1	0	-202	-202
Korea, South	0	-27	0	7	0	22	22
Latvia	—	—	—	0	—	0	0
Lithuania	—	—	—	0	—	2	2
Malaysia	0	—	0	0	0	-1	-1
Mexico	0	-32	-4	-12	-1	-795	-88
Netherlands	0	-1	0	0	0	-275	-275
Netherlands Antilles	—	—	—	—	—	—	—
Norway	—	-2	0	0	—	38	38
Oman	—	0	—	0	0	-10	-10
Panama	—	—	—	0	—	-120	-120
Portugal	0	-6	—	0	—	0	0
Puerto Rico	0	—	0	0	0	-1	-1
Russia	0	—	—	0	—	172	219
Spain	0	-39	-5	0	—	-23	-39
Sweden	—	—	—	0	—	0	0
Trinidad and Tobago	—	0	—	0	—	3	3
United Kingdom	0	0	0	0	0	51	51
Vietnam	0	—	0	0	0	0	0
Virgin Islands, U.S.	—	—	0	0	—	0	0
Yemen	—	—	—	—	—	—	—
Other	0	-204	-1	-11	0	-914	-919
Total	0	-658	1	-44	-1	-3,057	4,451
Persian Gulf³	0	-8	0	1	—	-25	1,733

— = No Data Reported.

¹ Crude oil exports are restricted to: (1) crude oil derived from fields under the State waters of Alaska's Cook Inlet; (2) Alaskan North Slope crude oil; (3) certain domestically produced crude oil destined for Canada; (4) shipments to U.S. territories; and (5) California crude oil to Pacific Rim countries.

² Exports of distillate fuel oil with sulfur greater than 15 ppm to 500 ppm may include distillate fuel oil with sulfur content 15 ppm and under. Exports of distillate fuel oil with sulfur content greater than 500 ppm to 2000 ppm may include distillate fuel oil with sulfur content greater than 2000 ppm. This is due to product detail limitations in exports data received from the U.S. Census Bureau. Net imports are calculated using zero for exports of distillate fuel oil with sulfur contents of 0-15 ppm and greater than 2000 ppm.

³ Includes Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and United Arab Emirates.

Note: Totals may not equal sum of components due to independent rounding.

Sources: U.S. Census Bureau and EIA estimates.

Table 54. Year-to-Date Net Imports of Crude Oil and Petroleum Products into the United States by Country, January-December 2015
(Thousand Barrels per Day)

Country of Origin	Crude Oil ¹	Pentanes Plus	Liquefied Petroleum Gases	Unfinished Oils	Finished Motor Gasoline			Motor Gasoline Blending Components		
					Reformulated	Conventional	Total	Reformulated	Conventional	Total
OPEC	2,679	2	-34	81	-	-39	-39	1	35	36
Algeria	3	2	-	98	-	-1	-1	-	-	-
Angola	124	0	-	11	-	-	-	-	-	-
Ecuador	225	0	-26	3	-	-33	-33	-	-4	-4
Iran	-	-	-	-	-	-	-	-	-	-
Iraq	229	-	-	0	-	0	0	-	-	-
Kuwait	206	0	-	0	-	0	0	-	0	0
Libya	3	-	-	3	-	-	-	-	-	-
Nigeria	57	0	-5	0	-	1	1	0	22	23
Qatar	-	-	0	0	-	0	0	-	0	0
Saudi Arabia	1,051	0	0	0	-	0	0	0	0	0
United Arab Emirates	2	0	0	2	-	0	0	-	0	0
Venezuela	779	0	-3	-37	-	-5	-5	1	16	17
Non-OPEC	4,214	-173	-618	197	-	-366	-366	171	244	415
Argentina	16	0	0	-1	-	-2	-2	-	1	1
Aruba	-	-	-25	-14	-	-1	-1	0	0	0
Australia	10	0	0	0	-	-1	-1	0	0	0
Bahamas	-	0	-1	0	-	0	0	0	-2	-2
Bahrain	-	-	-	0	-	0	0	-	-	-
Belgium	-	0	-8	53	-	2	2	4	16	20
Brazil	187	0	-47	-20	-	1	1	-	1	1
Brunei	-	-	-	-	-	-	-	-	-	-
Cameroon	-	0	-	1	-	0	0	-	-	-
Canada	2,747	-180	40	-2	-	17	17	79	31	109
Chad	72	0	-	0	-	-	-	-	-	-
China	-1	0	-111	-17	-	0	0	-	0	0
Colombia	370	0	0	-37	-	-29	-29	0	-4	-4
Denmark	-	0	-	-	-	-	-	-	-	-
Dominican Republic	-	0	-32	0	-	-3	-3	-	0	0
Equatorial Guinea	5	0	-	1	-	-	-	-	0	0
Estonia	-	-	-	2	-	-	-	1	-	1
Finland	-	-	-	0	-	0	0	2	7	9
France	-2	0	-7	6	-	0	0	13	8	21
Gabon	7	-	-	2	-	-	-	-	-	-
Germany	-	0	-	1	-	0	0	1	1	2
Guatemala	8	0	-7	0	-	-28	-28	-	-1	-1
Honduras	-	0	-15	0	-	-11	-11	-	-	-
India	1	0	0	14	-	2	2	1	48	49
Indonesia	34	0	-	0	-	-2	-2	-	-	-
Italy	-3	0	0	-17	-	1	1	1	5	6
Japan	-	0	-70	-7	-	0	0	0	2	2
Korea, South	-3	0	-37	-9	-	0	0	1	5	6
Latvia	-	-	-	0	-	-	-	-	-	-
Lithuania	-	-	-	-	-	1	1	0	-	0
Malaysia	0	0	0	0	-	0	0	-	0	0
Mexico	688	0	-90	-14	-	-232	-232	0	-72	-72
Netherlands	-6	-1	-46	-16	-	1	1	7	16	22
Netherlands Antilles	-	-	-	-	-	-	-	-	-	-
Norway	9	0	1	14	-	2	2	5	25	30
Oman	-	-	-	0	-	-	-	-	0	0
Panama	-	0	-27	-1	-	-30	-30	-	-1	-1
Portugal	-	-	-5	-	-	1	1	3	19	22
Puerto Rico	-	0	0	0	-	0	0	0	0	0
Russia	28	1	0	243	-	1	1	2	30	32
Spain	-7	0	-11	3	-	2	2	0	50	51
Sweden	-	-	0	1	-	1	1	0	2	2
Trinidad and Tobago	7	0	0	1	-	0	0	0	3	3
United Kingdom	11	0	-21	5	-	8	8	48	44	92
Vietnam	9	0	-	-1	-	-2	-2	-	-	-
Virgin Islands, U.S.	-	0	0	-	-	0	0	0	0	0
Yemen	-	-	-	-	-	-	-	-	-	-
Other	27	7	-99	6	-	-65	-65	3	10	14
Total	6,892	-171	-652	278	-	-405	-405	171	279	450
Persian Gulf³	1,488	0	0	2	-	0	0	0	0	0

See footnotes at end of table.

Table 54. Year-to-Date Net Imports of Crude Oil and Petroleum Products into the United States by Country, January-December 2015
(Thousand Barrels per Day) — Continued

Country of Origin	Oxygenates		Renewable Fuels				Distillate Fuel Oil ²					Total
	Methyl Tertiary Butyl Ether (MTBE)	Other Oxygen-ates	Fuel Ethanol	Biomass-Based Diesel	Other Renewable Diesel	Other Renewable Fuels	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	501 to 2000 ppm	Greater than 2000 ppm		
OPEC	-11	0	-2	0	-	-	-46	-5	-5	-	-56	
Algeria	-	0	-	-	-	-	-	-1	-1	-	-2	
Angola	-	-	-	0	-	-	-	-	-	-	-	
Ecuador	-	0	0	-	-	-	-45	-4	-1	-	-49	
Iran	-	-	-	-	-	-	-	-	-	-	-	
Iraq	-	-	-	-	-	-	-	-	-	-	-	
Kuwait	-	-	0	-	-	-	-	-	0	-	0	
Libya	-	-	-	-	-	-	-	-	-	-	-	
Nigeria	-	0	0	-	-	-	0	-	-	-	0	
Qatar	0	-	0	-	-	-	1	-	-	-	1	
Saudi Arabia	0	0	0	-	-	-	3	-	-	-	3	
United Arab Emirates	0	0	-2	0	-	-	0	-	-	-	0	
Venezuela	-11	0	0	-	-	-	-6	-	-3	-	-9	
Non-OPEC	-23	-23	-47	16	13	-	-805	-87	-39	0	-930	
Argentina	0	0	0	12	-	-	-50	-1	-4	-	-55	
Aruba	-	-	-	-	-	-	-1	-	-	-	-1	
Australia	-	0	0	-	-	-	0	-	0	-	0	
Bahamas	-	0	0	-	-	-	-6	0	-3	-	-9	
Bahrain	-	-	-	-	-	-	-	-	-	-	-	
Belgium	0	0	0	0	-	-	-16	-3	-1	-	-21	
Brazil	1	0	-2	0	-	-	-45	-3	-7	-	-54	
Brunei	-	-	-	-	-	-	-	-	-	-	-	
Cameroon	-	-	-	0	-	-	-	-	0	-	0	
Canada	-	0	-16	-1	-	-	106	-22	33	0	118	
Chad	-	-	-	-	-	-	-	-	-	-	-	
China	0	0	-5	-	-	-	0	0	-	-	0	
Colombia	-	0	0	0	-	-	-89	-	0	-	-89	
Denmark	-	-	-	-	-	-	-1	-	-	-	-1	
Dominican Republic	-	-	0	-	-	-	-6	-5	-6	-	-16	
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-	-	
Estonia	-	-	-	-	-	-	-	-	-	-	-	
Finland	-	0	0	-	-	-	-	-	0	-	0	
France	0	0	0	-	-	-	-82	-3	-2	-	-86	
Gabon	-	-	-	-	-	-	0	-	-	-	0	
Germany	0	0	0	0	-	-	-5	-	3	-	-3	
Guatemala	-	-	0	-	-	-	-10	-7	-2	-	-19	
Honduras	-	-	0	-	-	-	-6	-5	-4	-	-15	
India	0	0	-3	0	-	-	4	0	-	-	4	
Indonesia	0	0	0	5	-	-	-	-	-	-	-	
Italy	-	0	0	-	-	-	-3	-	-	-	-3	
Japan	0	-23	0	-	-	-	1	-	-	-	1	
Korea, South	0	0	-4	1	-	-	0	-	-	-	0	
Latvia	-	-	-	-	-	-	0	-	-1	-	-1	
Lithuania	-	-	0	-	-	-	1	-	-	-	1	
Malaysia	-	0	0	-	-	-	0	-	-5	-	-5	
Mexico	-19	0	-2	-1	-	-	-142	-1	1	-	-142	
Netherlands	1	0	-2	-	-	-	-83	-15	-15	-	-112	
Netherlands Antilles	-	-	-	-	-	-	-	-	-	-	-	
Norway	-	0	0	-	-	-	-2	-	0	-	-2	
Oman	-	-	-2	0	-	-	0	-	-	-	0	
Panama	-	0	0	0	-	-	-38	-8	-6	-	-52	
Portugal	-	-	-	-	-	-	-	-	0	-	0	
Puerto Rico	0	0	-1	0	-	-	0	-	0	-	0	
Russia	-	0	-	-	-	-	9	10	7	-	26	
Spain	-	0	0	-	-	-	-6	-	0	-	-6	
Sweden	-	0	-	-	-	-	0	-	0	-	0	
Trinidad and Tobago	-	0	0	0	-	-	0	-	-	-	0	
United Kingdom	-	0	0	0	-	-	-52	-3	0	-	-56	
Vietnam	-	0	-	-	-	-	0	-	-	-	0	
Virgin Islands, U.S.	-	-	0	-	-	-	0	0	-1	-	-1	
Yemen	-	-	0	-	-	-	-	-	-	-	-	
Other	-6	0	-10	0	13	-	-283	-21	-26	0	-331	
Total	-33	-23	-49	16	13	-	-851	-92	-44	0	-986	
Persian Gulf ³	0	0	-2	0	-	-	4	-	0	-	5	

See footnotes at end of table.

Table 54. Year-to-Date Net Imports of Crude Oil and Petroleum Products into the United States by Country, January-December 2015
(Thousand Barrels per Day) — Continued

Country of Origin	Kerosene	Finished Aviation Gasoline	Aviation Gasoline Blending Components	Kerosene-Type Jet Fuel	Special Naphthas	Residual Fuel Oil	Petrochemical Feedstocks	
							Naphtha	Other Oils
OPEC	-3	-	-	4	1	-4	1	0
Algeria	-	-	-	1	-	4	0	-
Angola	-	-	-	-	-	2	-	-
Ecuador	0	-	-	-1	0	-5	-	-
Iran	-	-	-	-	-	-	-	-
Iraq	0	-	-	-	-	-	-	-
Kuwait	-	-	-	0	-	-	-	-
Libya	0	-	-	-	-	1	-	-
Nigeria	-3	-	-	-14	-	1	-	-
Qatar	-	-	-	0	-	0	-	-
Saudi Arabia	0	-	-	1	1	0	1	-
United Arab Emirates	0	-	-	0	-	-3	0	-
Venezuela	0	-	-	16	-	-4	1	0
Non-OPEC	-5	0	-	-43	14	-132	31	6
Argentina	0	-	-	-2	-	0	0	3
Aruba	0	-	-	0	-	-3	-	-
Australia	-	-	-	-	-	0	-	-
Bahamas	0	-	-	-1	-	-12	-	-
Bahrain	-	-	-	-	-	-	-	-
Belgium	0	-	-	-2	0	0	0	-
Brazil	0	-	-	-3	1	2	2	-
Brunei	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	0	-	-
Canada	-9	0	-	-39	4	17	3	3
Chad	-	-	-	-	-	-	-	-
China	2	-	-	3	-	-1	-	-
Colombia	0	-	-	-6	-	17	-	-
Denmark	-	-	-	-1	-	-1	-	-
Dominican Republic	0	-	-	-2	-	-5	-	-
Equatorial Guinea	-	-	-	-	-	0	-	-
Estonia	0	-	-	-	-	-	-	-
Finland	0	-	-	-2	-	0	-	-
France	0	-	-	-	-	-1	0	1
Gabon	-	-	-	-	-	1	-	-
Germany	0	-	-	0	0	0	0	-
Guatemala	0	-	-	-1	-	-7	-	-
Honduras	0	-	-	-2	-	-10	-	-
India	0	-	-	11	0	1	0	-
Indonesia	0	-	-	-	-	-	-	-
Italy	-	-	-	-	-	1	0	-
Japan	1	-	-	7	4	0	1	-
Korea, South	1	-	-	72	3	0	4	-
Latvia	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-
Malaysia	0	-	-	-	-	-1	0	-
Mexico	0	-	-	-23	-	22	16	-
Netherlands	0	-	-	-3	0	-20	1	-
Netherlands Antilles	-	-	-	-	-	-	-	-
Norway	-	-	-	-2	-	-	-	-
Oman	-	-	-	-	-	0	-	-
Panama	0	-	-	-16	-	-32	-	-
Portugal	-	-	-	-	-	-	0	-
Puerto Rico	0	-	-	-	-	-2	-	-
Russia	0	-	-	-	-	21	0	-
Spain	-	-	-	0	-	0	0	-
Sweden	-	-	-	-	-	-1	-	-
Trinidad and Tobago	0	-	-	1	-	10	-	-
United Kingdom	-	-	-	-5	-	-2	1	0
Vietnam	0	-	-	-	-	0	-	-
Virgin Islands, U.S.	0	-	-	-	-	0	-	-
Yemen	-	-	-	-	-	-	-	-
Other	0	0	-	-27	2	-126	3	-1
Total	-8	0	-	-39	15	-136	33	6
Persian Gulf³	0	-	-	1	1	-3	1	-

See footnotes at end of table.

Table 54. Year-to-Date Net Imports of Crude Oil and Petroleum Products into the United States by Country, January-December 2015
(Thousand Barrels per Day) — Continued

Country of Origin	Waxes	Petroleum Coke	Asphalt and Road Oil	Lubricants	Miscellaneous Products	Total Products	Total Crude Oil and Products
OPEC	0	-7	4	1	0	-26	2,652
Algeria	0	—	0	0	—	103	105
Angola	—	—	0	—	—	13	136
Ecuador	0	-4	0	-1	0	-121	104
Iran	—	—	—	—	—	—	—
Iraq	—	0	—	0	—	0	229
Kuwait	0	0	0	0	0	0	206
Libya	—	0	0	0	—	4	7
Nigeria	0	0	0	-1	—	0	57
Qatar	0	-2	—	7	—	6	6
Saudi Arabia	0	-2	—	0	0	4	1,055
United Arab Emirates	0	-1	0	-1	0	-4	-2
Venezuela	0	3	4	-2	—	-30	749
Non-OPEC	1	-519	8	-40	-1	-2,215	1,998
Argentina	0	1	0	-2	0	-45	-29
Aruba	—	—	0	0	—	-44	-44
Australia	0	-7	0	-1	0	-9	1
Bahamas	—	—	0	0	—	-26	-26
Bahrain	0	—	—	2	—	2	2
Belgium	0	-6	0	-7	0	31	31
Brazil	0	-34	0	-8	0	-159	28
Brunei	—	0	—	0	—	0	0
Cameroon	—	—	0	0	—	2	2
Canada	-1	-25	16	3	0	58	2,805
Chad	—	—	0	0	—	0	72
China	1	-50	0	-2	0	-181	-182
Colombia	0	0	1	-3	0	-152	218
Denmark	0	-2	0	0	—	-5	-5
Dominican Republic	0	-6	-1	-1	0	-65	-65
Equatorial Guinea	—	—	—	0	—	1	6
Estonia	0	—	—	0	—	3	3
Finland	—	-2	0	0	—	7	7
France	0	-6	0	-2	0	-74	-76
Gabon	—	0	0	0	0	2	10
Germany	0	-2	0	-1	0	-2	-2
Guatemala	0	-3	0	-1	—	-67	-58
Honduras	0	-3	0	0	—	-57	-57
India	0	-72	0	-3	0	4	4
Indonesia	0	0	0	0	0	3	37
Italy	0	-20	0	1	0	-32	-35
Japan	0	-64	0	0	0	-147	-147
Korea, South	0	-11	0	10	0	38	35
Latvia	0	—	0	0	0	-1	-1
Lithuania	—	—	—	0	0	2	2
Malaysia	0	0	-1	0	0	-6	-6
Mexico	0	-43	-5	-11	-1	-618	70
Netherlands	0	-6	0	-1	0	-182	-188
Netherlands Antilles	—	—	—	—	—	—	—
Norway	0	-3	0	0	0	41	50
Oman	—	-1	0	0	0	-3	-3
Panama	0	-3	-1	-1	0	-163	-163
Portugal	0	-4	—	0	—	14	14
Puerto Rico	0	-1	0	0	0	-4	-4
Russia	0	0	0	0	—	325	354
Spain	0	-27	1	0	0	13	6
Sweden	0	0	—	0	0	2	2
Trinidad and Tobago	0	0	0	-1	0	14	21
United Kingdom	0	-2	0	0	0	20	32
Vietnam	0	0	0	0	0	-2	7
Virgin Islands, U.S.	—	—	0	0	0	-1	-1
Yemen	—	—	—	0	—	0	0
Other	1	-117	-2	-11	0	-752	-729
Total	1	-526	12	-38	-1	-2,242	4,651
Persian Gulf³	0	-5	0	8	0	8	1,496

— = No Data Reported.

¹ Crude oil exports are restricted to: (1) crude oil derived from fields under the State waters of Alaska's Cook Inlet; (2) Alaskan North Slope crude oil; (3) certain domestically produced crude oil destined for Canada; (4) shipments to U.S. territories; and (5) California crude oil to Pacific Rim countries.

² Exports of distillate fuel oil with sulfur greater than 15 ppm to 500 ppm may include distillate fuel oil with sulfur content 15 ppm and under. Exports of distillate fuel oil with sulfur content greater than 500 ppm to 2000 ppm may include distillate fuel oil with sulfur content greater than 2000 ppm. This is due to product detail limitations in exports data received from the U.S. Census Bureau. Net imports are calculated using zero for exports of distillate fuel oil with sulfur contents of 0-15 ppm and greater than 2000 ppm.

³ Includes Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and United Arab Emirates.

Note: Totals may not equal sum of components due to independent rounding.

Sources: U.S. Census Bureau and EIA estimates.

Table 55. Stocks of Crude Oil and Petroleum Products by PAD District, December 2015
(Thousand Barrels)

Commodity	PAD Districts					U.S. Total
	1	2	3	4	5	
Crude Oil	16,298	150,472	931,007	23,545	55,165	1,176,487
Refinery	12,571	14,994	48,358	2,224	22,658	100,805
Tank Farms and Pipelines (Includes Cushing, OK)	3,603	129,504	166,405	17,462	27,105	344,079
Cushing, Oklahoma	—	63,507	—	—	—	63,507
Leases ¹	124	5,974	21,125	3,859	1,021	32,103
Strategic Petroleum Reserve ²	—	—	695,119	—	—	695,119
Alaskan In Transit	—	—	—	—	4,381	4,381
Total Stocks, All Oils (excluding Crude Oil)³	176,672	184,035	366,635	22,002	88,956	838,301
Refinery	18,647	49,837	117,188	11,814	50,799	248,285
Bulk Terminal	128,328	96,856	192,076	6,214	32,777	456,252
Pipeline	29,479	36,237	54,270	3,843	5,098	128,927
Natural Gas Processing Plant	218	1,105	3,101	131	282	4,837
Pentanes Plus	209	9,997	9,983	310	44	20,543
Refinery	—	296	397	24	1	718
Bulk Terminal	145	2,078	7,419	7	13	9,662
Pipeline	12	7,400	1,733	238	—	9,383
Natural Gas Processing Plant	52	223	434	41	30	780
Liquefied Petroleum Gases	8,061	44,690	115,778	3,312	4,889	176,730
Refinery	905	4,816	6,739	407	1,462	14,329
Bulk Terminal	6,266	31,054	93,579	1,220	3,175	135,294
Pipeline	724	7,938	12,793	1,595	—	23,050
Natural Gas Processing Plant	166	882	2,667	90	252	4,057
Ethane/Ethylene	118	5,180	28,198	432	—	33,928
Refinery	—	—	86	—	—	86
Bulk Terminal	—	2,537	22,197	—	—	24,734
Ethylene	—	—	2,549	—	—	2,549
Pipeline	118	2,509	5,231	431	—	8,289
Natural Gas Processing Plant	—	134	684	1	—	819
Propane/Propylene	6,723	25,931	61,000	1,519	1,492	96,665
Refinery	296	1,834	1,828	44	105	4,107
Bulk Terminal	5,725	19,692	52,727	694	1,372	80,210
Nonfuel Use	—	—	2,980	—	—	2,980
Pipeline	588	3,934	5,414	735	—	10,671
Natural Gas Processing Plant	114	471	1,031	46	15	1,677
Normal Butane/Butylene	1,028	11,630	20,896	1,026	2,929	37,509
Refinery	440	2,261	3,796	220	924	7,641
Bulk Terminal	541	8,118	14,965	525	1,798	25,947
Refinery Grade Butane	—	3,710	4,227	118	—	8,055
Pipeline	6	1,082	1,426	247	—	2,761
Natural Gas Processing Plant	41	169	709	34	207	1,160
Isobutane/isobutylene	192	1,949	5,684	335	468	8,628
Refinery	169	721	1,029	143	433	2,495
Bulk Terminal	—	707	3,690	1	5	4,403
Pipeline	12	413	722	182	—	1,329
Natural Gas Processing Plant	11	108	243	9	30	401
Other Hydrocarbons	—	42	—	—	—	42
Refinery	—	42	—	—	—	42
Oxygenates (excluding Fuel Ethanol)	—	—	927	—	—	927
Refinery	—	—	104	—	—	104
Bulk Terminal	—	—	823	—	—	823
Pipeline	—	—	—	—	—	—
MTBE	—	—	829	—	—	829
Refinery	—	—	104	—	—	104
Bulk Terminal ⁴	—	—	725	—	—	725
Pipeline	—	—	—	—	—	—
Other Oxygenates⁵	—	—	98	—	—	98
Refinery	—	—	—	—	—	—
Bulk Terminal	—	—	98	—	—	98
Pipeline	—	—	—	—	—	—
Renewable Fuels (including Fuel Ethanol)	8,664	7,970	5,375	351	3,428	25,789
Refinery	157	130	301	96	195	879
Bulk Terminal	8,487	7,840	5,074	255	3,233	24,890
Pipeline	20	—	—	—	—	20
Fuel Ethanol	7,218	7,057	4,346	338	2,479	21,438
Refinery	153	94	150	87	44	528
Bulk Terminal	7,045	6,963	4,196	251	2,435	20,890
Pipeline	20	—	—	—	—	20
Renewable Diesel Fuel	1,446	913	1,025	13	949	4,347
Refinery	4	36	151	9	151	351
Bulk Terminal	1,442	877	874	4	798	3,996
Pipeline	—	—	—	—	—	—
Other Renewable Fuels	—	—	4	—	—	4
Refinery	—	—	—	—	—	—
Bulk Terminal	—	—	4	—	—	4
Pipeline	—	—	—	—	—	—

See footnotes at end of table.

Table 55. Stocks of Crude Oil and Petroleum Products by PAD District, December 2015
(Thousand Barrels) — Continued

Commodity	PAD Districts					U.S. Total
	1	2	3	4	5	
Unfinished Oils	5,477	12,873	39,732	3,514	21,029	82,625
Naphthas and Lighter	1,632	3,149	9,539	782	3,137	18,239
Refinery	1,562	3,113	8,939	782	3,019	17,415
Bulk Terminal	70	36	600	—	118	824
Kerosene and Light Gas Oils	557	2,474	6,570	725	4,174	14,500
Refinery	552	2,410	6,372	725	3,937	13,996
Bulk Terminal	5	64	198	—	237	504
Heavy Gas Oils	2,196	5,095	18,691	1,524	11,345	38,851
Refinery	2,146	5,095	15,892	1,524	10,943	35,600
Bulk Terminal	50	—	2,799	—	402	3,251
Residuum	1,092	2,155	4,932	483	2,373	11,035
Refinery	1,092	1,884	4,932	483	2,373	10,764
Bulk Terminal	—	271	—	—	—	271
Motor Gasoline Blending Components	54,441	46,325	73,488	5,424	26,829	206,507
Refinery	5,640	12,895	29,133	3,075	13,334	64,077
Bulk Terminal	37,714	23,464	27,112	1,420	10,973	100,683
Pipeline	11,087	9,966	17,243	929	2,522	41,747
Reformulated - RBOB	19,757	6,129	11,762	—	13,214	50,862
Refinery	1,641	1,385	1,565	—	5,385	9,976
Bulk Terminal	14,007	3,467	5,388	—	6,389	29,251
Pipeline	4,109	1,277	4,809	—	1,440	11,635
Conventional	34,684	40,196	61,726	5,424	13,615	155,645
Refinery	3,999	11,510	27,568	3,075	7,949	54,101
Bulk Terminal	23,707	19,997	21,724	1,420	4,584	71,432
Pipeline	6,978	8,689	12,434	929	1,082	30,112
CBOB	25,041	31,558	32,605	3,813	6,506	99,523
Refinery	719	5,486	11,620	1,466	1,757	21,048
Bulk Terminal	17,344	18,760	8,617	1,418	3,729	49,868
Pipeline	6,978	7,312	12,368	929	1,020	28,607
GTAB	593	—	—	—	—	593
Refinery	—	—	—	—	—	—
Bulk Terminal	593	—	—	—	—	593
Pipeline	—	—	—	—	—	—
Other	9,050	8,638	29,121	1,611	7,109	55,529
Refinery	3,280	6,024	15,948	1,609	6,192	33,053
Bulk Terminal	5,770	1,237	13,107	2	855	20,971
Pipeline	—	1,377	66	—	62	1,505
Aviation Gasoline Blending Components	—	—	8	—	—	8
Refinery	—	—	8	—	—	8
Bulk Terminal	—	—	—	—	—	—
Finished Motor Gasoline	5,838	7,325	11,081	2,292	1,917	28,453
Refinery	31	1,900	3,575	1,100	781	7,387
Bulk Terminal	1,870	2,924	3,886	858	1,066	10,604
Pipeline	3,937	2,501	3,620	334	70	10,462
Reformulated	16	—	—	—	14	30
Refinery	—	—	—	—	14	14
Bulk Terminal	16	—	—	—	—	16
Pipeline	—	—	—	—	—	—
Reformulated (Blended with Fuel Ethanol)	16	—	—	—	14	30
Refinery	—	—	—	—	14	14
Bulk Terminal	16	—	—	—	—	16
Pipeline	—	—	—	—	—	—
Reformulated (Other)	—	—	—	—	—	—
Refinery	—	—	—	—	—	—
Bulk Terminal	—	—	—	—	—	—
Pipeline	—	—	—	—	—	—
Conventional	5,822	7,325	11,081	2,292	1,903	28,423
Refinery	31	1,900	3,575	1,100	767	7,373
Bulk Terminal	1,854	2,924	3,886	858	1,066	10,588
Pipeline	3,937	2,501	3,620	334	70	10,462
Conventional (Blended with Fuel Ethanol)	38	101	25	35	—	199
Refinery	—	—	—	34	—	34
Bulk Terminal	38	101	25	1	—	165
Pipeline	—	—	—	—	—	—
Ed55 and Lower	38	101	25	35	—	199
Refinery	—	—	—	34	—	34
Bulk Terminal	38	101	25	1	—	165
Pipeline	—	—	—	—	—	—
Greater than Ed55	—	—	—	—	—	—
Refinery	—	—	—	—	—	—
Bulk Terminal	—	—	—	—	—	—
Pipeline	—	—	—	—	—	—
Conventional (Other)	5,784	7,224	11,056	2,257	1,903	28,224
Refinery	31	1,900	3,575	1,066	767	7,339
Bulk Terminal	1,816	2,823	3,861	857	1,066	10,423
Pipeline	3,937	2,501	3,620	334	70	10,462

See footnotes at end of table.

Table 55. Stocks of Crude Oil and Petroleum Products by PAD District, December 2015
(Thousand Barrels) — Continued

Commodity	PAD Districts					U.S. Total
	1	2	3	4	5	
Finished Aviation Gasoline	141	177	370	6	184	878
Refinery	—	87	315	6	114	522
Bulk Terminal	141	90	55	—	70	356
Pipeline	—	—	—	—	—	—
Kerosene-Type Jet Fuel	10,073	6,787	14,315	595	8,486	40,256
Refinery	425	2,047	5,643	300	3,485	11,900
Bulk Terminal	4,527	3,198	3,714	244	3,807	15,490
Pipeline	5,121	1,542	4,958	51	1,194	12,866
Kerosene	1,982	215	326	2	54	2,579
Refinery	124	189	184	2	18	517
Bulk Terminal	1,846	26	130	—	36	2,038
Pipeline	12	—	12	—	—	24
Distillate Fuel Oil⁵	64,452	31,894	46,237	4,316	13,842	160,741
Refinery	3,362	6,573	13,616	2,105	5,635	31,291
Bulk Terminal	52,524	18,431	18,715	1,515	6,901	98,086
Pipeline	8,566	6,890	13,906	696	1,306	31,364
15 ppm sulfur and Under	49,347	31,020	39,749	4,043	12,703	136,862
Refinery	2,186	6,034	11,477	1,863	4,765	26,325
Bulk Terminal	40,012	18,338	15,167	1,486	6,702	81,705
Pipeline	7,149	6,648	13,105	694	1,236	28,832
Greater than 15 ppm to 500 ppm sulfur	5,204	503	2,141	187	341	8,376
Refinery	204	176	676	156	326	1,538
Bulk Terminal	4,888	86	1,204	29	12	6,219
Pipeline	112	241	261	2	3	619
Greater than 500 ppm sulfur	9,901	371	4,347	86	798	15,503
Refinery	972	363	1,463	86	544	3,428
Bulk Terminal	7,624	7	2,344	—	187	10,162
Pipeline	1,305	1	540	—	67	1,913
Residual Fuel Oil⁶	11,450	1,293	25,048	238	4,160	42,189
Refinery	656	1,037	3,718	238	2,606	8,255
Bulk Terminal	10,794	256	21,330	—	1,548	33,928
Pipeline	—	—	—	—	6	6
Less than 0.31% Sulfur	1,602	3	2,325	7	284	4,221
Refinery	148	—	197	7	88	440
Bulk Terminal	1,454	3	2,128	—	196	3,781
0.31% to 1.00% Sulfur	2,627	157	2,483	7	604	5,878
Refinery	28	108	246	7	573	962
Bulk Terminal	2,599	49	2,237	—	31	4,916
Greater than 1.00% Percent Sulfur	7,221	1,133	20,240	224	3,266	32,084
Refinery	480	929	3,275	224	1,945	6,853
Bulk Terminal	6,741	204	16,965	—	1,321	25,231
Petrochemical Feedstocks	151	755	2,352	—	2	3,260
Refinery	151	755	2,352	—	2	3,260
Naphtha for Petrochemical Feedstock Use	151	592	1,331	—	2	2,076
Other Oils for Petrochemical Feedstock Use	—	163	1,021	—	—	1,184
Special Naphthas	30	153	1,091	—	62	1,336
Refinery	13	76	823	—	62	974
Bulk Terminal	17	77	268	—	—	362
Lubricants	1,210	669	10,565	—	1,010	13,454
Refinery	672	244	6,999	—	808	8,723
Bulk Terminal	538	425	3,566	—	202	4,731
Waxes	301	42	230	—	—	573
Refinery	301	42	230	—	—	573
Petroleum Coke	—	1,196	3,562	93	1,202	6,053
Refinery	—	1,196	3,562	93	1,202	6,053
Asphalt and Road Oil	4,155	11,515	5,628	1,531	1,753	24,582
Refinery	821	4,893	2,820	836	757	10,127
Bulk Terminal	3,334	6,622	2,808	695	996	14,455
Miscellaneous Products	37	117	539	18	65	776
Refinery	37	117	534	18	65	771
Bulk Terminal	—	—	—	—	—	—
Pipeline	—	—	5	—	—	5
Total Stocks, All Oils	192,970	334,507	1,297,642	45,547	144,121	2,014,788

— = No Data Reported.

¹ Crude oil stocks include an adjustment of 10,630 thousand barrels (constant since 1983) to account for incomplete survey reporting of stocks held on producing leases.

² Crude oil stocks in the Strategic Petroleum Reserve include non-U.S. stocks held under foreign or commercial storage agreements.

³ Distillate stocks located in the "Northeast Heating Oil Reserve" are excluded. For details see Appendix D.

Includes stocks held at fuel ethanol production facilities.

⁴ Includes stocks held by merchant producers.

⁵ Includes ethyl tertiary butyl ether (ETBE), tertiary amyl methyl ether (TAME), tertiary butyl alcohol (TBA), and other aliphatic alcohols and ethers intended for motor gasoline blending (e.g., isopropyl ether (IPE) or n-propanol).

⁶ Sulfur content not available for stocks held by pipelines.

Note: Stocks are reported as of the last day of the month.

Sources: Energy Information Administration (EIA) Forms EIA-22M "Monthly Biodiesel Production Survey", EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-815, "Monthly Bulk Terminal and Blender Report," EIA-816, "Monthly Natural Gas Liquids Report," and EIA-819, "Monthly Oxygenate Report."

Table 56. Refinery, Bulk Terminal, and Natural Gas Plant Stocks of Selected Petroleum Products by PAD District and State, December 2015
(Thousand Barrels)

Commodity	Motor Gasoline			Motor Gasoline Blending Components			Kerosene
	Reformulated	Conventional	Total	Reformulated	Conventional	Total	
PAD District 1	16	1,885	1,901	15,648	27,706	43,354	1,970
Connecticut	—	—	—	996	—	996	48
Delaware	—	—	—	841	572	1,413	110
District of Columbia	—	—	—	—	—	—	—
Florida	—	652	652	—	4,735	4,735	—
Georgia	—	220	220	—	2,429	2,429	—
Maine	—	—	—	457	344	801	127
Maryland	—	—	—	1,464	66	1,530	151
Massachusetts	5	—	5	1,675	59	1,734	31
New Hampshire	—	—	—	—	—	—	64
New Jersey	—	384	384	6,150	7,784	13,934	166
New York	11	—	11	660	1,776	2,436	668
North Carolina	—	167	167	—	2,226	2,226	387
Pennsylvania	—	26	26	1,175	4,637	5,812	156
Rhode Island	—	—	—	711	—	711	—
South Carolina	—	232	232	—	1,381	1,381	27
Vermont	—	38	38	—	—	—	2
Virginia	—	134	134	1,519	1,555	3,074	33
West Virginia	—	32	32	—	142	142	—
PAD District 2	—	4,824	4,824	4,852	31,507	36,359	215
Illinois	—	613	613	2,478	4,217	6,695	184
Indiana	—	341	341	1,053	4,440	5,493	—
Iowa	—	233	233	—	1,481	1,481	—
Kansas	—	284	284	—	3,047	3,047	14
Kentucky	—	238	238	491	1,110	1,601	7
Michigan	—	194	194	38	2,815	2,853	—
Minnesota	—	434	434	40	2,288	2,328	—
Missouri	—	277	277	294	600	894	—
Nebraska	—	65	65	—	1,016	1,016	—
North Dakota	—	235	235	—	916	916	—
Ohio	—	1,006	1,006	17	3,737	3,754	5
Oklahoma	—	464	464	21	2,790	2,811	5
South Dakota	—	42	42	—	397	397	—
Tennessee	—	193	193	—	1,463	1,463	—
Wisconsin	—	205	205	420	1,190	1,610	—
PAD District 3	—	7,461	7,461	6,953	49,292	56,245	314
Alabama	—	191	191	—	1,380	1,380	5
Arkansas	—	420	420	—	676	676	—
Louisiana	—	1,134	1,134	241	12,429	12,670	100
Mississippi	—	1,095	1,095	194	2,056	2,250	—
New Mexico	—	102	102	—	526	526	—
Texas	—	4,519	4,519	6,518	32,225	38,743	209
PAD District 4	—	1,958	1,958	—	4,495	4,495	2
Colorado	—	599	599	—	899	899	—
Idaho	—	264	264	—	228	228	—
Montana	—	601	601	—	1,063	1,063	—
Utah	—	122	122	—	1,301	1,301	2
Wyoming	—	372	372	—	1,004	1,004	—
PAD District 5	14	1,833	1,847	11,774	12,533	24,307	54
Alaska	—	762	762	—	—	—	36
Arizona	—	48	48	765	419	1,184	—
California	14	290	304	10,720	5,858	16,578	18
Hawaii	—	1	1	—	1,090	1,090	—
Nevada	—	118	118	20	384	404	—
Oregon	—	69	69	—	1,246	1,246	—
Washington	—	545	545	269	3,536	3,805	—
U.S. Total	30	17,961	17,991	39,227	125,533	164,760	2,555

See footnotes at end of table.

Table 56. Refinery, Bulk Terminal, and Natural Gas Plant Stocks of Selected Petroleum Products by PAD District and State, December 2015
(Thousand Barrels) — Continued

Commodity	Distillate Fuel Oil ¹				Residual Fuel Oil	Propane/ Propylene
	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	Greater than 500 ppm	Total		
PAD District 1	42,198	5,092	8,596	55,886	11,450	6,135
Connecticut	2,245	2,286	119	4,650	30	—
Delaware	657	61	54	772	727	41
District of Columbia	—	—	—	—	—	—
Florida	1,596	24	—	1,620	1,695	101
Georgia	1,451	—	—	1,451	349	15
Maine	1,014	3	1,346	2,363	183	—
Maryland	2,589	—	621	3,210	862	4
Massachusetts	1,014	719	983	2,716	261	—
New Hampshire	339	—	466	805	35	339
New Jersey	16,355	520	1,406	18,281	3,745	229
New York	5,996	400	791	7,187	2,472	2,223
North Carolina	1,257	—	18	1,275	—	456
Pennsylvania	3,936	131	1,968	6,035	633	1,647
Rhode Island	508	669	334	1,511	54	8
South Carolina	822	—	—	822	225	1,000
Vermont	75	—	62	137	—	—
Virginia	2,192	243	428	2,863	179	5
West Virginia	152	36	—	188	—	67
PAD District 2	24,372	262	370	25,004	1,293	21,997
Illinois	3,186	—	—	3,186	376	1,098
Indiana	2,854	—	114	2,968	97	650
Iowa	2,176	—	—	2,176	6	498
Kansas	2,299	—	—	2,299	36	12,570
Kentucky	932	—	3	935	219	224
Michigan	1,545	19	—	1,564	112	5,381
Minnesota	1,568	5	50	1,623	109	279
Missouri	847	28	2	877	47	203
Nebraska	935	—	—	935	—	363
North Dakota	998	1	—	999	60	73
Ohio	2,222	1	63	2,286	148	447
Oklahoma	1,938	58	84	2,080	25	144
South Dakota	409	—	—	409	—	25
Tennessee	985	—	—	985	46	6
Wisconsin	1,478	150	54	1,682	12	36
PAD District 3	26,644	1,880	3,807	32,331	25,048	55,586
Alabama	1,427	19	25	1,471	429	33
Arkansas	985	—	35	1,020	—	72
Louisiana	5,111	775	1,381	7,267	10,447	3,382
Mississippi	1,046	267	118	1,431	61	7,019
New Mexico	424	—	—	424	64	2
Texas	17,651	819	2,248	20,718	14,047	45,078
PAD District 4	3,349	185	86	3,620	238	784
Colorado	679	—	—	679	7	19
Idaho	229	—	—	229	—	—
Montana	1,168	41	—	1,209	72	15
Utah	575	94	86	755	38	715
Wyoming	698	50	—	748	121	35
PAD District 5	11,467	338	731	12,536	4,154	1,492
Alaska	1,153	—	95	1,248	275	6
Arizona	584	12	—	596	—	1,012
California	6,194	326	222	6,742	2,232	280
Hawaii	219	—	409	628	884	70
Nevada	395	—	5	400	—	2
Oregon	906	—	—	906	7	—
Washington	2,016	—	—	2,016	756	122
U.S. Total	108,030	7,757	13,590	129,377	42,183	85,994

— = No Data Reported.

¹ Distillate stocks located in the "Northeast Heating Oil Reserve" are excluded. For details see Appendix D.

Note: Stocks are reported as of the last day of the month.

Note: Totals may not equal sum of components due to independent rounding.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-815, "Monthly Bulk Terminal and Blender Report," EIA-816, "Monthly Natural Gas Liquids Report," and EIA-819, "Monthly Oxygenate Report."

Table 57. Movements of Crude Oil and Petroleum Products by Pipeline, Tanker, Barge, and Rail Between PAD Districts, December 2015
(Thousand Barrels)

Commodity	From 1 to			From 2 to				From 3 to	
	2	3	5	1	3	4	5	1	2
Crude Oil¹	126	562	0	10,197	26,647	7,128	4,864	2,074	23,472
Petroleum Products²	11,937	88	0	3,756	21,141	5,511	0	105,189	20,590
Pentanes Plus	11	0	—	0	839	239	—	0	5,892
Liquefied Petroleum Gases	3,331	0	0	1,180	14,484	2,669	0	1,517	2,772
Unfinished Oils	68	0	0	0	1,949	—	0	0	192
Motor Gasoline Blending Components	5,609	0	0	1,396	1,360	1,248	0	51,713	5,943
Reformulated - RBOB	0	0	0	0	281	—	0	8,987	1,627
Conventional	5,609	0	0	1,396	1,079	1,248	0	42,726	4,316
CBOB	5,609	0	0	1,396	894	1,248	0	42,726	3,469
GTAB	—	—	—	—	—	—	—	—	—
Other	0	0	—	—	185	—	—	—	847
Renewable Fuels	0	0	—	0	719	—	—	230	0
Fuel Ethanol	0	0	—	0	677	—	—	230	0
Renewable Diesel Fuel	0	0	—	—	42	—	—	—	0
Other Renewable Fuels	—	—	—	—	—	—	—	—	—
Finished Motor Gasoline	280	0	0	270	357	264	0	10,386	643
Reformulated	—	—	—	—	—	—	—	—	—
Reformulated Blended with Fuel Ethanol	—	—	—	—	—	—	—	—	—
Reformulated Other	—	—	—	—	—	—	—	—	—
Conventional	280	0	0	270	357	264	0	10,386	643
Conventional Blended with Fuel Ethanol	—	—	—	—	—	—	—	—	—
Ed55 and Lower	—	—	—	—	—	—	—	—	—
Greater than Ed55	—	—	—	—	—	—	—	—	—
Conventional Other	280	0	0	270	357	264	0	10,386	643
Finished Aviation Gasoline	0	0	—	0	0	—	—	959	52
Kerosene-Type Jet Fuel	197	0	0	26	18	550	0	12,939	1,303
Kerosene	—	—	—	—	—	—	—	—	—
Distillate Fuel Oil	2,395	0	0	702	712	541	0	26,580	3,307
15 ppm sulfur and under	2,395	0	0	702	712	541	0	23,249	3,177
Greater than 15 ppm to 500 ppm sulfur	0	0	—	0	0	—	—	267	130
Greater than 500 ppm sulfur	—	0	—	0	0	—	—	3,064	—
Residual Fuel Oil	0	0	—	7	531	—	—	100	0
Petrochemical Feedstocks	46	0	—	0	172	—	—	48	0
Naphtha for Petrochemical Feedstock Use	0	0	—	0	80	—	—	48	0
Other Oils for Petrochemical Feedstock Use	46	0	—	0	92	—	—	0	0
Special Naphthas	0	0	—	—	0	—	—	—	53
Lubricants	0	0	0	0	0	—	0	472	191
Waxes	—	—	—	—	—	—	—	—	—
Asphalt and Road Oil	0	0	—	175	0	—	—	245	223
Miscellaneous Products	0	88	—	0	0	—	—	0	19
Total	12,063	650	0	13,953	47,788	12,639	4,864	107,263	44,062

See footnotes at end of table.

Table 57. Movements of Crude Oil and Petroleum Products by Pipeline, Tanker, Barge, and Rail Between PAD Districts, December 2015
(Thousand Barrels) — Continued

Commodity	From 3 to		From 4 to				From 5 to		
	4	5	1	2	3	5	1	3	4
Crude Oil¹	0	108	416	17,164	2,485	184	0	0	0
Petroleum Products²	0	5,289	0	6,278	6,734	2,574	0	279	0
Pentanes Plus	0	—	0	596	1,010	—	0	0	0
Liquefied Petroleum Gases	0	0	0	4,672	5,724	0	0	8	0
Unfinished Oils	—	0	0	0	0	0	0	267	—
Motor Gasoline Blending Components	0	4,314	0	148	0	1,422	0	0	0
Reformulated - RBOB	—	2,775	0	0	0	0	0	0	—
Conventional	0	1,539	0	148	0	1,422	0	0	0
CBOB	0	1,539	0	148	0	1,422	0	0	0
GTAB	—	—	—	—	—	—	—	—	—
Other	—	—	—	0	0	—	—	0	—
Renewable Fuels	—	—	0	0	0	—	0	0	—
Fuel Ethanol	—	—	0	0	0	—	0	0	—
Renewable Diesel Fuel	—	—	—	0	0	—	—	0	—
Other Renewable Fuels	—	—	—	—	—	—	—	—	—
Finished Motor Gasoline	0	0	0	383	0	624	0	0	0
Reformulated	—	—	—	—	—	—	—	—	—
Reformulated Blended with Fuel Ethanol	—	—	—	—	—	—	—	—	—
Reformulated Other	—	—	—	—	—	—	—	—	—
Conventional	0	0	0	383	0	624	0	0	0
Conventional Blended with Fuel Ethanol	—	—	—	—	—	—	—	—	—
Ed55 and Lower	—	—	—	—	—	—	—	—	—
Greater than Ed55	—	—	—	—	—	—	—	—	—
Conventional Other	0	0	0	383	0	624	0	0	0
Finished Aviation Gasoline	—	—	0	0	0	—	0	0	—
Kerosene-Type Jet Fuel	0	155	0	24	0	30	0	0	0
Kerosene	—	—	—	—	—	—	—	—	—
Distillate Fuel Oil	0	820	0	455	0	498	0	0	0
15 ppm sulfur and under	0	820	0	455	0	498	0	0	0
Greater than 15 ppm to 500 ppm sulfur	—	—	0	0	0	—	0	0	—
Greater than 500 ppm sulfur	—	—	0	—	0	—	0	0	—
Residual Fuel Oil	—	—	0	0	0	—	0	0	—
Petrochemical Feedstocks	—	—	0	0	0	—	0	0	—
Naphtha for Petrochemical Feedstock Use	—	—	0	0	0	—	0	0	—
Other Oils for Petrochemical Feedstock Use	—	—	0	0	0	—	0	0	—
Special Naphthas	—	—	—	0	0	—	—	0	—
Lubricants	—	0	0	0	0	0	0	4	—
Waxes	—	—	—	—	—	—	—	—	—
Asphalt and Road Oil	—	—	0	0	0	—	0	0	—
Miscellaneous Products	—	—	0	0	0	—	0	0	—
Total	0	5,397	416	23,442	9,219	2,758	0	279	0

— = No Data Reported.

¹ Includes movements by pipeline, tanker, barge and rail.

² Includes movements by pipeline, tanker and barge.

Sources: Energy Information Administration (EIA) Forms EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-817, "Monthly Tanker and Barge Movements Report." Rail net movements estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 58. Movements of Crude Oil and Petroleum Products by Pipeline Between PAD Districts, December 2015
(Thousand Barrels)

Commodity	From 1 to		From 2 to			From 3 to			
	2	3	1	3	4	1	2	4	5
Crude Oil	126	31	202	24,369	7,128	204	23,472	0	-
Petroleum Products	11,701	0	2,669	17,257	5,511	84,592	19,330	0	5,289
Pentanes Plus	11	0	0	839	239	0	5,892	0	-
Liquefied Petroleum Gases	3,331	0	1,180	14,484	2,669	1,517	2,772	0	-
Motor Gasoline Blending Components	5,609	0	806	1,175	1,248	42,318	5,755	0	4,314
Reformulated - RBOB	0	0	0	281	-	8,970	1,627	-	2,775
Conventional	5,609	0	806	894	1,248	33,348	4,128	0	1,539
CBOB	5,609	0	806	894	1,248	33,348	3,469	0	1,539
GTAB	-	-	-	-	-	-	-	-	-
Other	0	0	-	0	-	-	659	-	-
Renewable Fuels	-	-	-	-	-	-	-	-	-
Fuel Ethanol	-	-	-	-	-	-	-	-	-
Renewable Diesel Fuel	-	-	-	-	-	-	-	-	-
Other Renewable Fuels	-	-	-	-	-	-	-	-	-
Finished Motor Gasoline	280	0	228	68	264	6,369	537	0	0
Reformulated	-	-	-	-	-	-	-	-	-
Reformulated Blended with Fuel Ethanol	-	-	-	-	-	-	-	-	-
Reformulated Other	-	-	-	-	-	-	-	-	-
Conventional	280	0	228	68	264	6,369	537	0	0
Conventional Blended with Fuel Ethanol	-	-	-	-	-	-	-	-	-
Ed55 and Lower	-	-	-	-	-	-	-	-	-
Greater than Ed55	-	-	-	-	-	-	-	-	-
Conventional Other	280	0	228	68	264	6,369	537	0	0
Finished Aviation Gasoline	-	-	-	-	-	-	-	-	-
Kerosene-Type Jet Fuel	197	0	26	18	550	11,567	1,303	0	155
Kerosene	-	-	-	-	-	-	-	-	-
Distillate Fuel Oil	2,273	0	429	673	541	22,821	3,071	0	820
15 ppm sulfur and under	2,273	0	429	673	541	19,490	2,941	0	820
Greater than 15 ppm to 500 ppm sulfur	0	0	0	0	-	267	130	-	-
Greater than 500 ppm sulfur	-	0	0	0	-	3,064	-	-	-
Residual Fuel Oil	-	-	-	-	-	-	-	-	-
Miscellaneous Products	-	-	-	-	-	-	-	-	-
Total	11,827	31	2,871	41,626	12,639	84,796	42,802	0	5,289

See footnotes at end of table.

Table 58. Movements of Crude Oil and Petroleum Products by Pipeline Between PAD Districts, December 2015
(Thousand Barrels) — Continued

Commodity	From 4 to				From 5 to	
	1	2	3	5	3	4
Crude Oil	0	17,164	343	—	0	0
Petroleum Products	0	6,278	6,734	2,574	0	0
Pentanes Plus	0	596	1,010	—	0	0
Liquefied Petroleum Gases	0	4,672	5,724	—	0	0
Motor Gasoline Blending Components	0	148	0	1,422	0	0
Reformulated - RBOB	0	0	0	0	0	—
Conventional	0	148	0	1,422	0	0
CBOB	0	148	0	1,422	0	0
GTAB	—	—	—	—	—	—
Other	—	0	0	—	0	—
Renewable Fuels	—	—	—	—	—	—
Fuel Ethanol	—	—	—	—	—	—
Renewable Diesel Fuel	—	—	—	—	—	—
Other Renewable Fuels	—	—	—	—	—	—
Finished Motor Gasoline	0	383	0	624	0	0
Reformulated	—	—	—	—	—	—
Reformulated Blended with Fuel Ethanol	—	—	—	—	—	—
Reformulated Other	—	—	—	—	—	—
Conventional	0	383	0	624	0	0
Conventional Blended with Fuel Ethanol	—	—	—	—	—	—
Ed55 and Lower	—	—	—	—	—	—
Greater than Ed55	—	—	—	—	—	—
Conventional Other	0	383	0	624	0	0
Finished Aviation Gasoline	—	—	—	—	—	—
Kerosene-Type Jet Fuel	0	24	0	30	0	0
Kerosene	—	—	—	—	—	—
Distillate Fuel Oil	0	455	0	498	0	0
15 ppm sulfur and under	0	455	0	498	0	0
Greater than 15 ppm to 500 ppm sulfur	0	0	0	—	0	—
Greater than 500 ppm sulfur	0	—	0	—	0	—
Residual Fuel Oil	—	—	—	—	—	—
Miscellaneous Products	—	—	—	—	—	—
Total	0	23,442	7,077	2,574	0	0

— = No Data Reported.

Sources: Energy Information Administration (EIA) Forms EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report."

Table 59. Movements of Crude Oil and Petroleum Products by Tanker, and Barge Between PAD Districts, December 2015
(Thousand Barrels)

Commodity	From 1 to			From 2 to		
	2	3	5	1	3	5
Crude Oil	0	531	—	320	1,091	—
Petroleum Products	236	88	0	1,087	3,884	0
Liquefied Petroleum Gases	—	0	0	—	0	0
Unfinished Oils	68	0	0	0	1,949	0
Motor Gasoline Blending Components	0	0	—	590	185	—
Reformulated - RBOB	—	0	—	0	0	—
Conventional	0	0	—	590	185	—
CBOB	0	0	—	590	0	—
GTAB	—	—	—	—	—	—
Other	0	0	—	—	185	—
Renewable Fuels	0	0	—	0	719	—
Fuel Ethanol	0	0	—	0	677	—
Renewable Diesel Fuel	0	0	—	—	42	—
Other Renewable Fuels	—	—	—	—	—	—
Finished Motor Gasoline	0	0	—	42	289	—
Reformulated	—	—	—	—	—	—
Reformulated Blended with Fuel Ethanol	—	—	—	—	—	—
Reformulated Other	—	—	—	—	—	—
Conventional	0	0	—	42	289	—
Conventional Blended with Fuel Ethanol	—	—	—	—	—	—
Ed55 and Lower	—	—	—	—	—	—
Greater than Ed55	—	—	—	—	—	—
Conventional Other	0	0	—	42	289	—
Finished Aviation Gasoline	0	0	—	0	0	—
Kerosene-Type Jet Fuel	—	0	—	0	0	—
Kerosene	—	—	—	—	—	—
Distillate Fuel Oil	122	0	—	273	39	—
15 ppm sulfur and under	122	0	—	273	39	—
Greater than 15 ppm to 500 ppm sulfur	—	—	—	—	—	—
Greater than 500 ppm sulfur	—	—	—	—	—	—
Residual Fuel Oil	0	0	—	7	531	—
Less than 0.31 percent sulfur	—	0	—	0	0	—
0.31 to 1.00 percent sulfur	—	—	—	—	—	—
Greater than 1.00 percent sulfur	0	0	—	7	531	—
Petrochemical Feedstocks	46	0	—	0	172	—
Naphtha for Petrochemical Feedstock Use	0	0	—	0	80	—
Other Oils for Petrochemical Feedstock Use	46	0	—	0	92	—
Special Naphthas	0	0	—	—	0	—
Lubricants	0	0	0	0	0	0
Waxes	—	—	—	—	—	—
Asphalt and Road Oil	0	0	—	175	0	—
Miscellaneous Products	0	88	—	0	0	—
Total	236	619	0	1,407	4,975	0

See footnotes at end of table.

Table 59. Movements of Crude Oil and Petroleum Products by Tanker, and Barge Between PAD Districts, December 2015
(Thousand Barrels) — Continued

Commodity	From 3 to						From 5 to		
	1	New England	Central Atlantic	Lower Atlantic	2	5	1	2	3
Crude Oil	1,870	—	1,870	—	0	—	0	0	0
Petroleum Products	20,597	16	449	20,132	1,260	0	0	0	279
Liquefied Petroleum Gases	—	—	—	—	—	0	—	—	8
Unfinished Oils	0	—	—	—	192	0	0	0	267
Motor Gasoline Blending Components	9,395	—	—	9,395	188	—	0	0	0
Reformulated - RBOB	17	—	—	17	—	—	0	—	0
Conventional	9,378	—	—	9,378	188	—	0	0	0
CBOB	9,378	—	—	9,378	0	—	0	0	0
GTAB	—	—	—	—	—	—	—	—	—
Other	—	—	—	—	188	—	—	0	0
Renewable Fuels	230	—	—	230	0	—	0	0	0
Fuel Ethanol	230	—	—	230	0	—	0	0	0
Renewable Diesel Fuel	—	—	—	—	0	—	—	0	0
Other Renewable Fuels	—	—	—	—	—	—	—	—	—
Finished Motor Gasoline	4,017	—	—	4,017	106	—	0	0	0
Reformulated	—	—	—	—	—	—	—	—	—
Reformulated Blended with Fuel Ethanol	—	—	—	—	—	—	—	—	—
Reformulated Other	—	—	—	—	—	—	—	—	—
Conventional	4,017	—	—	4,017	106	—	0	0	0
Conventional Blended with Fuel Ethanol	—	—	—	—	—	—	—	—	—
Ed55 and Lower	—	—	—	—	—	—	—	—	—
Greater than Ed55	—	—	—	—	—	—	—	—	—
Conventional Other	4,017	—	—	4,017	106	—	0	0	0
Finished Aviation Gasoline	959	16	13	930	52	—	0	0	0
Kerosene-Type Jet Fuel	1,372	—	—	1,372	—	—	0	—	0
Kerosene	—	—	—	—	—	—	—	—	—
Distillate Fuel Oil	3,759	—	117	3,642	236	—	0	0	0
15 ppm sulfur and under	3,759	—	117	3,642	236	—	0	0	0
Greater than 15 ppm to 500 ppm sulfur	—	—	—	—	—	—	—	—	—
Greater than 500 ppm sulfur	—	—	—	—	—	—	—	—	—
Residual Fuel Oil	100	—	—	100	0	—	0	0	0
Less than 0.31 percent sulfur	100	—	—	100	—	—	0	—	0
0.31 to 1.00 percent sulfur	—	—	—	—	—	—	—	—	—
Greater than 1.00 percent sulfur	0	—	—	—	0	—	0	0	0
Petrochemical Feedstocks	48	—	48	—	0	—	0	0	0
Naphtha for Petrochemical Feedstock Use	48	—	48	—	0	—	0	0	0
Other Oils for Petrochemical Feedstock Use	0	—	—	—	0	—	0	0	0
Special Naphthas	—	—	—	—	53	—	—	0	0
Lubricants	472	—	271	201	191	0	0	0	4
Waxes	—	—	—	—	—	—	—	—	—
Asphalt and Road Oil	245	—	—	245	223	—	0	0	0
Miscellaneous Products	0	—	—	—	19	—	0	0	0
Total	22,467	16	2,319	20,132	1,260	0	0	0	279

— = No Data Reported.

Sources: Energy Information Administration (EIA) Form EIA-817, "Monthly Tanker and Barge Movements Report."

Table 60. Movements of Crude Oil by Pipeline, Tanker, Barge and Rail between PAD Districts, December 2015
(Thousand Barrels)

PADD	Pipeline	Tanker and Barge	Rail	Total
From 1 to				
2	126	0	0	126
3	31	531	0	562
4	0	—	0	0
5	—	—	0	0
From 2 to				
1	202	320	9,675	10,197
3	24,369	1,091	1,187	26,647
4	7,128	—	0	7,128
5	—	—	4,864	4,864
From 3 to				
1	204	1,870	0	2,074
2	23,472	0	0	23,472
4	0	—	0	0
5	—	—	108	108
From 4 to				
1	0	0	416	416
2	17,164	0	0	17,164
3	343	0	2,142	2,485
5	—	—	184	184
From 5 to				
1	0	0	0	0
2	0	0	0	0
3	0	0	0	0
4	0	—	0	0

— = No Data Reported.

Sources: Energy Information Administration (EIA) Forms EIA-813, "Monthly Crude Oil Report," EIA-817, "Monthly Tanker and Barge Movements Report." Rail net movements estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 61. Net Movements of Crude Oil and Petroleum Products by Pipeline, Tanker, Barge and Rail Between PAD Districts, December 2015
(Thousand Barrels)

Commodity	PAD District 1			PAD District 2			PAD District 3		
	Receipts	Shipments	Net Receipts	Receipts	Shipments	Net Receipts	Receipts	Shipments	Net Receipts
Crude Oil¹	12,687	688	11,999	40,762	48,836	-8,074	29,694	25,654	4,040
Petroleum Products²	108,945	12,025	107,593	38,805	30,408	-11,938	28,242	131,068	-97,997
Pentanes Plus	0	11	-11	6,499	1,078	5,421	1,849	5,892	-4,043
Liquefied Petroleum Gases	2,697	3,331	-634	10,775	18,333	-7,558	20,216	4,289	15,927
Ethane/Ethylene	45	3,269	-3,224	4,860	6,604	-1,744	7,610	334	7,276
Propane/Propylene	2,652	44	2,608	3,643	9,470	-5,827	9,599	2,969	6,630
Normal Butane/Butylene	0	5	-5	1,355	1,520	-165	1,881	466	1,415
Isobutane/Isobutylene	0	13	-13	917	739	178	1,126	520	606
Unfinished Oils	0	68	-68	260	1,949	-1,689	2,216	192	2,024
Motor Gasoline Blending Components	53,109	5,609	47,500	11,700	4,004	7,696	1,360	61,970	-60,610
Reformulated - RBOB	8,987	0	8,987	1,627	281	1,346	281	13,389	-13,108
Conventional	44,122	5,609	38,513	10,073	3,723	6,350	1,079	48,581	-47,502
CBOB	44,122	5,609	38,513	9,226	3,538	5,688	894	47,734	-46,840
GTAB	0	0	-	-	-	-	-	-	-
Other	0	0	-	847	185	662	185	847	-662
Renewable Fuels	230	0	10,903	0	719	-21,054	719	230	5,318
Fuel Ethanol	230	0	10,703	0	677	-20,338	677	230	5,386
Renewable Diesel Fuel	0	0	200	0	42	-715	42	0	-68
Other Renewable Fuels	-	-	-	-	-	-	0	0	-
Finished Motor Gasoline	10,656	280	10,376	1,306	891	415	357	11,029	-10,672
Reformulated	0	0	-	0	0	-	0	0	-
Reformulated Blended with Fuel Ethanol	0	0	-	0	0	-	0	0	-
Reformulated Other	-	-	-	-	-	-	-	-	-
Conventional	10,656	280	10,376	1,306	891	415	357	11,029	-10,672
Conventional Blended with Fuel Ethanol	0	0	-	0	0	-	0	0	-
Ed55 and Lower	0	0	-	0	0	-	0	0	-
Greater than Ed55	0	0	-	0	0	-	0	0	-
Conventional Other	10,656	280	10,376	1,306	891	415	357	11,029	-10,672
Finished Aviation Gasoline	959	0	959	52	0	52	0	1,011	-1,011
Kerosene-Type Jet Fuel	12,965	197	12,768	1,524	594	930	18	14,397	-14,379
Kerosene	0	0	-	0	0	-	0	0	-
Distillate Fuel Oil	27,282	2,395	24,887	6,157	1,955	4,202	712	30,707	-29,995
15 ppm sulfur and under	23,951	2,395	21,556	6,027	1,955	4,072	712	27,246	-26,534
Greater than 15 ppm to 500 ppm sulfur	267	0	267	130	0	130	0	397	-397
Greater than 500 ppm sulfur	3,064	0	3,064	0	0	-	0	3,064	-3,064
Residual Fuel Oil	107	0	107	0	538	-538	531	100	431
Petrochemical Feedstocks	48	46	2	46	172	-126	172	48	124
Naphtha for Petrochemical Feedstock Use	48	0	48	0	80	-80	80	48	32
Other Oils for Petrochemical Feedstock Use	0	46	-46	46	92	-46	92	0	92
Special Naphthas	0	0	-	53	0	53	0	53	-53
Lubricants	472	0	472	191	0	191	4	663	-659
Waxes	0	0	-	0	0	-	0	0	-
Asphalt and Road Oil	420	0	420	223	175	48	0	468	-468
Miscellaneous Products	0	88	-88	19	0	19	88	19	69
Total	121,632	12,713	119,592	79,567	79,244	-20,012	57,936	156,722	-93,957

See footnotes at end of table.

Table 61. Net Movements of Crude Oil and Petroleum Products by Pipeline, Tanker, Barge and Rail Between PAD Districts, December 2015
(Thousand Barrels) — Continued

Commodity	PAD District 4			PAD District 5		
	Receipts	Shipments	Net Receipts	Receipts	Shipments	Net Receipts
Crude Oil¹	7,128	20,249	-13,121	5,156	0	5,156
Petroleum Products²	5,511	15,586	-9,540	7,863	279	11,881
Pentanes Plus	239	1,606	-1,367	0	0	-
Liquefied Petroleum Gases	2,669	10,396	-7,727	0	8	-8
Ethane/Ethylene	712	3,020	-2,308	0	0	-
Propane/Propylene	1,257	4,668	-3,411	0	0	-
Normal Butane/Butylene	514	1,759	-1,245	0	0	-
Isobutane/Isobutylene	186	949	-763	0	8	-8
Unfinished Oils	0	0	-	0	267	-267
Motor Gasoline Blending Components	1,248	1,570	-322	5,736	0	5,736
Reformulated - RBOB	-	-	-	2,775	0	2,775
Conventional	1,248	1,570	-322	2,961	0	2,961
CBOB	1,248	1,570	-322	2,961	0	2,961
GTAB	-	-	-	-	-	-
Other	0	0	-	0	0	-
Renewable Fuels	0	0	535	0	0	4,297
Fuel Ethanol	0	0	450	0	0	3,799
Renewable Diesel Fuel	0	0	85	0	0	499
Other Renewable Fuels	-	-	-	-	-	-
Finished Motor Gasoline	264	1,007	-743	624	0	624
Reformulated	-	-	-	0	0	-
Reformulated Blended with Fuel Ethanol	-	-	-	0	0	-
Reformulated Other	-	-	-	-	-	-
Conventional	264	1,007	-743	624	0	624
Conventional Blended with Fuel Ethanol	0	0	-	0	0	-
Ed55 and Lower	0	0	-	0	0	-
Greater than Ed55	0	0	-	0	0	-
Conventional Other	264	1,007	-743	624	0	624
Finished Aviation Gasoline	0	0	-	0	0	-
Kerosene-Type Jet Fuel	550	54	496	185	0	185
Kerosene	0	0	-	0	0	-
Distillate Fuel Oil	541	953	-412	1,318	0	1,318
15 ppm sulfur and under	541	953	-412	1,318	0	1,318
Greater than 15 ppm to 500 ppm sulfur	0	0	-	0	0	-
Greater than 500 ppm sulfur	0	0	-	0	0	-
Residual Fuel Oil	0	0	-	0	0	-
Petrochemical Feedstocks	-	-	-	0	0	-
Naphtha for Petrochemical Feedstock Use	-	-	-	0	0	-
Other Oils for Petrochemical Feedstock Use	-	-	-	-	-	-
Special Naphthas	-	-	-	0	0	-
Lubricants	0	0	-	0	4	-4
Waxes	0	0	-	0	0	-
Asphalt and Road Oil	0	0	-	0	0	-
Miscellaneous Products	0	0	-	0	0	-
Total	12,639	35,835	-22,661	13,019	279	17,037

- = No Data Reported.

¹ Includes movements by pipeline, tanker, barge and rail.

² Includes movements by pipeline, tanker and barge.

Sources: Energy Information Administration (EIA) Forms EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-817, "Monthly Tanker and Barge Movements Report." Rail net movements estimates based on EIA analysis of data from the Surface Transportation Board and other information.

District Descriptions and Maps

The following are the Refining Districts which make up the Petroleum Administration for Defense (PAD) Districts.

PAD District I

East Coast: The District of Columbia and the States of Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, Connecticut, New Jersey, Delaware, Maryland, Virginia, North Carolina, South Carolina, Georgia, Florida, and the following counties of the State of New York: Cayuga, Tompkins, Chemung, and all counties east and north thereof. Also the following counties in the State of Pennsylvania: Bradford, Sullivan, Columbia, Montour, Northumberland, Dauphin, York, and all counties east thereof.

Appalachian No. 1: The State of West Virginia and those parts of the States of Pennsylvania and New York not included in the East Coast District.

Sub-PAD District I

New England: The States of Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, and Vermont.

Central Atlantic: The District of Columbia and the States of Delaware, Maryland, New Jersey, New York, and Pennsylvania.

Lower Atlantic: The States of Florida, Georgia, North Carolina, South Carolina, Virginia and West Virginia.

PAD District II

Indiana-Illinois-Kentucky: The States of Indiana, Illinois, Kentucky, Tennessee, Michigan, and Ohio.

Minnesota-Wisconsin-North and South Dakota: The States of Minnesota, Wisconsin, North Dakota, and South Dakota.

Oklahoma-Kansas-Missouri: The States of Oklahoma, Kansas, Missouri, Nebraska, and Iowa.

PAD District III

Texas Inland: The State of Texas except the Texas Gulf Coast District.

Texas Gulf Coast: The following counties of the State of Texas: Newton, Orange, Jefferson, Jasper, Tyler, Hardin, Liberty, Chambers, Polk, San Jacinto, Montgomery, Harris, Galveston, Waller, Fort Bend, Brazoria, Wharton, Matagorda, Jackson, Victoria, Calhoun, Refugio, Aransas, San Patricio, Nueces, Kleberg, Kenedy, Willacy, and Cameron.

Louisiana Gulf Coast: The following Parishes of the State of Louisiana: Vernon, Rapides, Avoyelles, Pointe Coupee, West Feliciana, East Feliciana, Saint Helena, Tangipahoa, Washington, and all Parishes south thereof. Also the following counties of the State of Mississippi: Pearl River, Stone, George, Hancock, Harrison, and Jackson. Also the following counties of the State of Alabama: Mobile and Baldwin.

North Louisiana-Arkansas: The State of Arkansas and those parts of the States of Louisiana, Mississippi, and Alabama not included in the Louisiana Gulf Coast District.

New Mexico: The State of New Mexico.

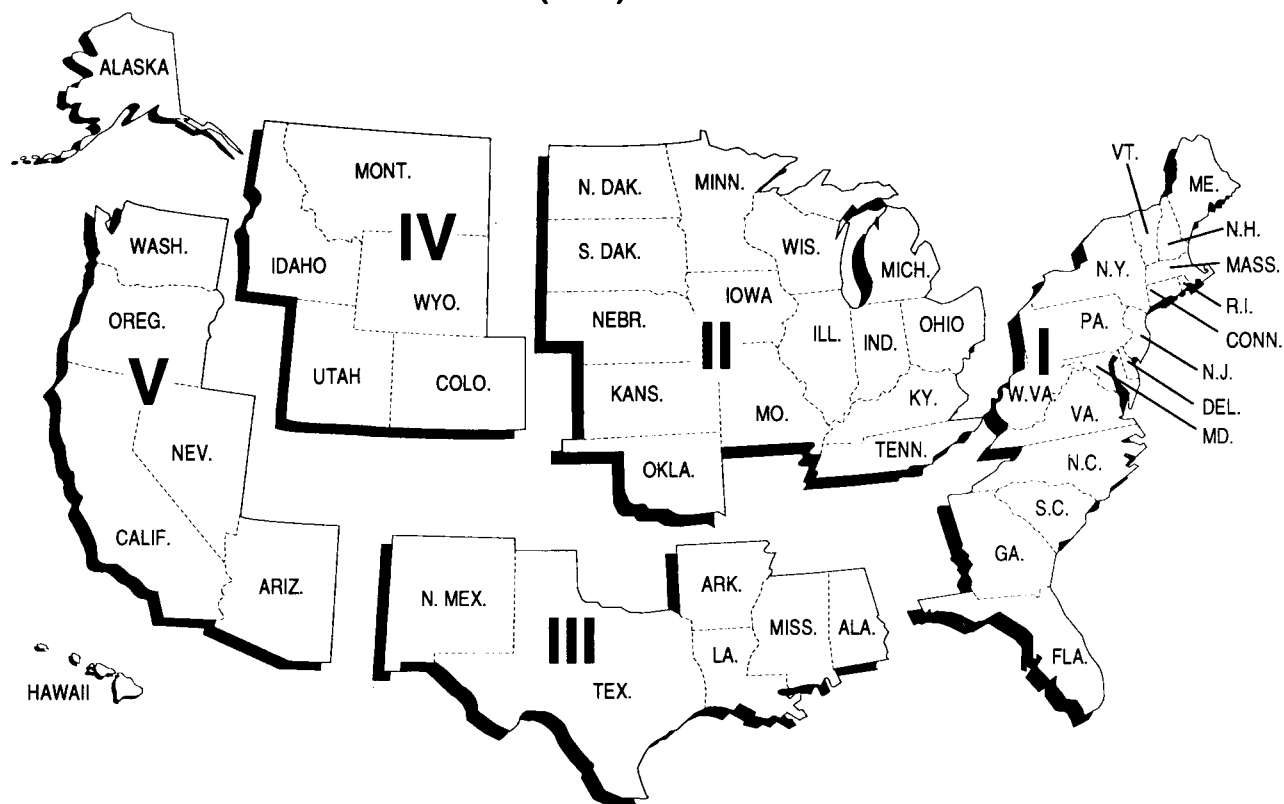
PAD District IV

Rocky Mountain: The States of Montana, Idaho, Wyoming, Utah, and Colorado.

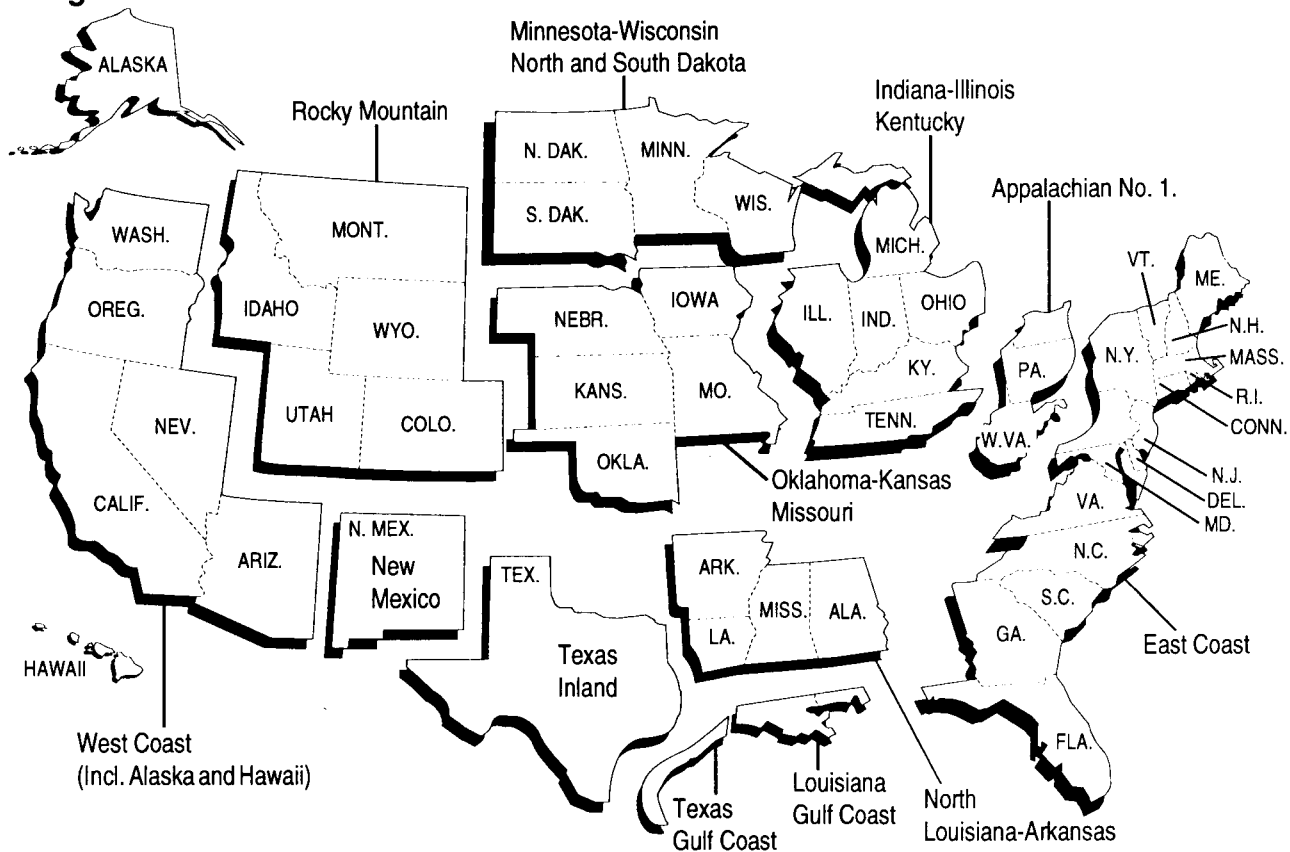
PAD District V

West Coast: The States of Washington, Oregon, California, Nevada, Arizona, Alaska, and Hawaii.

Petroleum Administration for Defense (PAD) Districts



Refining Districts



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Preface

The *Petroleum Supply Monthly* (PSM) is the monthly component of a series of three publications concerning the supply and disposition of crude oil and petroleum products produced by the Petroleum Division of the Energy Information Administration (EIA). The other two components are the *Weekly Petroleum Status Report* (WPSR) and the *Petroleum Supply Annual* (PSA). Together these publications present a comprehensive snapshot of petroleum supply data on a weekly, monthly and yearly basis.

Data presented in the PSM describe the supply and disposition of petroleum products in the United States and major U.S. geographic regions. The data series describe production, imports and exports, inter-Petroleum Administration for Defense (PAD) District movements, and inventories by the primary suppliers of petroleum products in the United States (50 States and the District of Columbia). The reporting universe includes those petroleum sectors in primary supply: petroleum refiners, motor gasoline blenders, operators of natural gas processing plants and fractionators, inter-PAD District transporters, importers, and major inventory holders of petroleum products and crude oil. When aggregated, the data reported by these sectors approximately represent the consumption of petroleum products in the United States.

The PSM tables present statistics for the most current month available as well as year-to-date. In most cases, the statistics are presented for several geographic areas - the United States (50 States and the District of Columbia), five PAD Districts, and 12 Refining Districts. At the U.S. and PAD District level, the total volume and the daily rate of activities are presented. The statistics are developed from monthly survey forms submitted by respondents to the EIA and from data provided from other sources.

Final statistics for the data series published in the PSM are published in the PSA. The PSA is published approximately five months after the end of the report year.

New in 2010

Several publication changes were implemented beginning with data for January 2010 PSM. The 2010 changes to the PSM include:

- added a new table to consolidate crude oil data
- removed certain crude oil details included in the new crude oil table from existing supply and disposition tables,
- changed motor gasoline product categories
 - Motor gasoline blending components, reformulated blended with ether and reformulated blended with alcohol were collapsed into a single category: Reformulated blendstock (RBOB);
 - Motor gasoline blending components, reformulated and conventional gasoline treated as blendstock (GTAB) categories were collapsed into a single category: GTAB;
 - Finished motor gasoline, reformulated blended with ether and reformulated blended with alcohol were collapsed into a single category: Reformulated blended with fuel ethanol;
 - Finished motor gasoline, conventional blended with fuel ethanol was split into two separate categories: Ed55 and lower and Greater than Ed55.
- changed gasoline adjustment calculations including elimination of the MTBE adjustment,
- added gains and losses at blending terminals to applicable tables
- changed various product labels.

Appendix B. Explanatory Notes

1. Overview

A. The Energy Information Administration's Quality Guidelines

The data contained in the *Petroleum Supply Monthly (PSM)* are subject to separate information quality guidelines issued by the Office of Management and Budget (OMB), the Department of Energy (DOE), and Energy Information Administration (EIA). With available resources, EIA continually works to improve its systems in order to provide high quality information needed by public and private policymakers and decision makers. EIA has performance standards to ensure the quality (i.e., objectivity, utility, and integrity) of information it disseminates to the public. Quality is ensured and maximized at levels appropriate to the nature and timeliness of the disseminated information. Information about EIA's quality program is available at <http://www.eia.doe.gov/smg/EIA-IQ-Guidelines.html>.

B. Concepts of Product Supply and Demand

Petroleum supply estimates contained in the *PSM* are often interpreted as an approximation of petroleum demand measured as product supplied. Product supplied is often called "implied" demand because it is a measure of demand that is implied by disappearance of petroleum products from facilities and activities in the "primary" supply chain. Facilities and activities in the primary supply chain include refineries and blending terminals, gas processing plants and fractionators, oxygenate producers, biodiesel producers, imports, exports, bulk storage terminals, and pipelines. Total product supplied in the *PSM* at the U.S. level is equal to the sum of field production, plus refinery and blender net production, plus renewable fuels, and oxygenate plant net production, plus imports, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports. Net receipts are added as a component of supply at the PAD District level. Crude oil product supplied is normally zero because crude oil is processed in refineries and rarely, if ever, used directly.

The secondary system is that portion of the overall distribution network that falls between producers and end-users. Product typically flows in bulk from the primary supply system into the secondary system before delivery in small quantities to consumers (the tertiary system). The secondary system includes storage at bulk plants; at retail motor fuel outlets, such as service stations, truck stops, and convenience stores; and at retail fuel oil dealers. Bulk plants are wholesale storage facilities that have less than 50,000 barrels of storage capacity and, by definition, receive product only by tank car or truck, not by barge, tanker, or pipeline. Tertiary inventories are held by end users and include fuel in vehicle tanks, heating oil in residential tanks, fuel oil held by utilities, jet fuel stored in facilities operated by end users, and certain proprietary storage of raw materials for the chemical industry (ethylene, propylene, etc.).

Data users sometimes consider demand as sales to the ultimate consumer or as the actual consumption of the product. Since there may be time delays between the movement of product into the primary market and its ultimate purchase or consumption, these definitions of demand require data on changes in secondary and/or tertiary stocks or

the assumption that these values either remain constant or are small compared to primary supply. The most recent study of secondary stocks was done by the National Petroleum Council in 1989. This study revealed that secondary distillate stocks were equal to about 6.9 percent of distillate stocks and 6.7 percent of distillate storage capacity. The study also noted that secondary storage capacity was decreasing due to EPA regulations.

C. Components of Supply and Disposition

The detailed statistics tables in the *PSM* provide complete supply and disposition information for the current month and year to date. The tables are organized to locate National and Petroleum Administration for Defense (PAD) District supply and disposition data at the front followed by tables that contain detailed information on supply and disposition. These include tables on crude oil and petroleum product production, import/export data, stocks information, and lastly, data on crude oil and petroleum product movements. To assist in the interpretation of these tables, the following discussion of supply, disposition, and ending stocks as shown in Tables 1– 25 is provided. The categories and products are defined in the EIA Glossary.

(1.) Supply

a. Field Production - Total Field Production is the sum of crude oil production and natural gas plant liquids and liquefied refinery gases production.

Crude oil production is an estimate based on data received from State conservation agencies and the Mineral Management Service of the U.S. Department of the Interior. Refer to "Domestic Crude Oil Production" in Section 2C (1) for further details.

Field production of natural gas plant liquids is reported on Form EIA-816 and published on a net basis (i.e., production minus inputs).

b. Renewable Fuels and Oxygenate Plant Net Production - Renewable Fuels and Oxygenate Plant Net Production are reported on Forms EIA-819 and EIA-22M. Production includes oxygenates (fuel ethanol, ETBE, MTBE, and other oxygenates) plus negative production of pentanes plus, finished motor gasoline, and motor gasoline blending components added to fuel ethanol as denaturants as well as biodiesel. Negative production will occur when the amount of a product produced during the month is less than the amount of that same product that is reported as input during the same month.

c. Refinery and Blender Net Production – Refinery and Blender Net Production is reported on Form EIA-810 and EIA-815. Refinery and Blender Net Production equals refinery and blenders production minus refinery and blender net inputs. Negative production of finished petroleum products will occur when the amount of a product produced during the month is less than the amount of that same product that is reprocessed

(input) or reclassified to become another product during the same month.

d. Imports - Imports include receipts of goods into the 50 States and the District of Columbia from U.S. possessions and territories or from foreign countries.

e. Net Receipts – Net Receipts data are included in tables containing PAD District-level data to account for inter-PAD District movements of crude oil and petroleum products. Net receipts for a PAD District are calculated by subtracting shipments out of the PAD District from receipts into the PAD District. Net Movements of Crude Oil and Petroleum Products by Pipeline, Tanker, and Barge between PAD Districts are shown in Table 60.

Data for inter-PAD District movements of fuel ethanol and biodiesel (included in “Renewable Fuels Except Fuel Ethanol”) by railroad tank cars and trucks are not currently available. Net Receipts are therefore “implied” for fuel ethanol and biodiesel. Implied net receipts are calculated as the sum of stock change, refinery and blender net inputs, and exports minus the sum of Renewable Fuels and Oxygenate Plant Net Production, Imports, and Adjustments.”

f. Adjustments – This column includes adjustment quantities for crude oil, fuel ethanol, motor gasoline blending components, biodiesel (included in “Renewable Fuels Except Fuel Ethanol”) and distillate fuel oil. Adjustment quantities are derived either to balance supply and disposition for selected products or to reclassify one product to another product. Product supplied is the balancing item for most products and is interpreted as an implied measure of petroleum demand. Adjustments are used in cases where it does not make sense to interpret the balancing item as demand. Reclassifications reported in the adjustments column may be implied by the supply and disposition balance or reported on surveys. Recall that supply at the U.S. level is equal to the sum of field production, renewable fuels and oxygenate plant net production, refinery and blender net production, imports, and adjustments. Disposition at the U.S. level is equal to the sum of stock change, refinery and blender net inputs, exports, and products supplied. At the PAD District level, supply components include net receipts equal to gross receipts from other PAD Districts minus gross shipments to other PAD Districts. In every case, supply must equal disposition. Applicable components of supply and disposition vary depending on the product or product group. Unless otherwise noted in Section 2C, adjustment calculations that balance supply and disposition equal disposition minus supply for the U.S. and for each PAD District.

(2.) Disposition

a. Stock Change – Stock Change is calculated as the difference between the current month Ending Stocks column and the Ending Stocks column in the prior month’s publication. A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks.

b. Refinery and Blender Net Inputs – Refinery and Blender

Net Inputs are inputs of crude oil and intermediate materials (unfinished oils, motor and aviation gasoline blending components, liquefied petroleum gases, pentanes plus, hydrogen, oxygenates, renewable fuels, and other hydrocarbons) that are processed at refineries or blended at terminals to produce finished petroleum products.

Crude oil input represents total crude oil (domestic and foreign) input to atmospheric crude oil distillation units and other refinery processing units (e.g. vacuum distillation units).

Inputs of natural gas plant liquids are refinery input of natural gas liquids received from natural gas plants for blending and processing. Published inputs of natural gas plant liquids are reported on a gross basis.

Inputs of unfinished oils, motor gasoline blending components, and aviation gasoline blending components are published on a net basis (i.e., refinery input minus refinery production). Negative inputs of unfinished oils and motor and aviation gasoline blending components will occur when the amount of a product produced during the month is greater than the amount of that same product that is input or reclassified to become another product during the same month.

c. Exports - Exports include shipments from the 50 States and the District of Columbia to Puerto Rico, the Virgin Islands, other U.S. possessions and territories and to foreign countries.

d. Products Supplied - Products supplied is equal to field production, plus renewable fuels and oxygenate plant net production, plus refinery and blender net production, plus imports, (plus net receipts on a PAD District basis), plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

A product supplied value indicates those quantities of petroleum products supplied for domestic consumption. Occasionally, the result for a product is negative because total disposition of the product exceeds total supply. Negative product supplied may occur for a number of reasons: (1) product reclassification has not been reported; (2) data were misreported or reported late; (3) in the case of calculations on a PAD District basis, the figure for net receipts was inaccurate because the coverage of inter-PAD movements was incomplete; and (4) products such as gasoline blending components and unfinished oils have entered the primary supply channels with their production not having been reported, e.g., streams returned to refineries from petrochemical plants.

Beginning with data for January 2010, product supplied for crude oil is assumed equal to zero. Prior to January 1983, crude oil burned on leases and by pipelines as fuel was reported as either distillate or residual fuel oil and was included in product supplied for these products. From January 1983 through December 2009, crude oil product supplied was equal to crude oil used directly as reported on Form EIA-813 “Monthly Crude Oil Report.” Reporting of crude oil used directly was discontinued on Form EIA-813 after December 2009.

(3.) Ending Stocks

Ending stocks are primary stocks of crude oil and petroleum products held in storage as of 12 midnight on the last day of the month. Primary stocks include crude oil or petroleum products held in storage at (or in) leases, refineries, natural gas processing plants, pipelines, tank farms, and bulk terminals that can store at least 50,000 barrels of petroleum products or that can receive petroleum products by tanker, barge, or pipeline. Crude oil that is in-transit by water from Alaska, or that is stored on Federal leases or in the Strategic Petroleum Reserve is included. Primary Stocks exclude stocks of foreign origin that are held in bonded warehouse storage. Primary stocks of petroleum products also exclude secondary stocks held by dealers and jobbers and tertiary stocks held by consumers. Inventories classified as “Distillate Fuel Oil - Greater than 0.05 percent sulfur” stored in the Northeast Heating Oil Reserve are not considered to be in the commercial sector and therefore are excluded from distillate fuel oil ending stocks. The data are shown in Appendix D, Northeast Heating Oil Reserve.

2. Components - Forms Discussions

The data presented in the *PSM* include data collected by the EIA on nine monthly petroleum supply surveys, export data obtained from the U. S. Bureau of the Census, and crude production data obtained from State conservation agencies and the Minerals Management Service of the U. S. Department of Interior.

A. Petroleum Supply Reporting System

The nine monthly petroleum supply surveys are part of the Petroleum Supply Reporting System (PSRS). The PSRS tracks the supply and disposition of crude oil, petroleum products, and natural gas liquids in the United States. The PSRS is organized into two data collection subsystems: the Weekly Petroleum Supply Reporting System (WPSRS) and the Monthly Petroleum Supply Reporting System (MPSRS). The WPSRS processes the data from the seven weekly surveys. The MPSRS includes nine monthly surveys and one annual survey. The survey forms that comprise the PSRS are:

1. EIA-800, “Weekly Refinery Report,”
2. EIA-801, “Weekly Bulk Terminal Report,”
3. EIA-802, “Weekly Product Pipeline Report,”
4. EIA-803, “Weekly Crude Oil Stocks Report,”
5. EIA-804, “Weekly Imports Report,”
6. EIA-805, “Weekly Terminal Blender Report,”
7. EIA-809, “Weekly Oxygenate Report,”
8. EIA-22M, “Monthly Biodiesel Production Survey,”
9. EIA-810, “Monthly Refinery Report,”
10. EIA-812, “Monthly Product Pipeline Report,”
11. EIA-813, “Monthly Crude Oil Report,”
12. EIA-814, “Monthly Imports Report,”
13. EIA-815, “Monthly Terminal Blender Report,”
14. EIA-816, “Monthly Natural Gas Liquids Report,”
15. EIA-817, “Monthly Tanker and Barge Movement Report,”
16. EIA-819, “Monthly Oxygenate Report,”
17. EIA-820, “Annual Refinery Report.”

Both weekly and monthly surveys are administered at six key points

along the petroleum production and supply chain: (1) refineries, fractionators, and gas processing plants, (2) bulk terminals and blenders, (3) crude oil and product pipelines, (4) crude oil stock holders, (5) importers, and (6) oxygenate and biodiesel plants. Monthly surveys also include inter-PAD District movements by pipelines, tankers, and barges. Weekly surveys do not capture petroleum movements. Data collected weekly using Forms EIA-800 through EIA-805 and EIA-809 are similar to, though less detailed than, the data collected monthly using Forms EIA-810, EIA-812 through EIA-815 and 819. Respondents reporting to the weekly surveys constitute a sample of those reporting on the monthly surveys.

Annual U.S. refinery capacity data are collected on the Form EIA-820, “Annual Refinery Report.” The EIA-820 data are published in the annual “Refinery Capacity Report.”

B. Monthly Supply Survey Description and Methodology

(1.) Description of Surveys Forms

Copies of the survey forms and instructions can be found at: http://www.eia.doe.gov/oil_gas/petroleum/survey_forms/pet_survey_forms.html

The Form EIA-22M “Monthly Biodiesel Production Survey” collects data on biodiesel plant location, operating status, annual production capacity, monthly biodiesel and co-product production, stocks, input of feedstocks, alcohol, and catalysts, and biodiesel sales.

The Form EIA-810, “Monthly Refinery Report,” collects data on refinery input and capacity, sulfur content and API gravity of crude oil, and data on supply (beginning stocks, receipts, and production) and disposition (inputs, shipments, fuel use and losses, and ending stocks) of crude oil and refined products. Working and shell storage capacity for selected products is collected on a semi-annual basis.

The Form EIA-812, “Monthly Product Pipeline Report,” collects data on end-of-month stocks and movements of petroleum products transported by pipeline. Intermediate movements for pipeline systems operating in more than two PAD Districts are included. Product pipeline tank storage capacity for selected products is collected on a semi-annual basis.

The Form EIA-813, “Monthly Crude Oil Report,” collects data on end-of-month stock levels of crude oil held at pipeline and tank farms (associated with the pipelines) and terminals operated by the reporting company. Also, crude oil consumed by pipelines and on leases as pump fuel, boiler fuel, etc., is reported. Data are reported on a PAD District basis. Total Alaskan crude oil stocks in-transit by water (including stocks held at transshipment terminals between Alaska and the continental United States) to the 50 States, the District of Columbia, Puerto Rico, and the Virgin Islands are also reported by the transporting company having custody of the stocks. Inter-PAD District movements of crude oil by pipeline are collected by the shipping and receiving PAD District. Intermediate movements for pipeline systems operating in more than two PAD Districts are not included. Crude oil storage capacity of

tank farms is collected on a semi-annual basis.

The Form EIA-814, “Monthly Imports Report,” collects data on imports of crude oil and petroleum products (1) into the 50 States and the District of Columbia, (2) into Puerto Rico, the Virgin Islands, and other U.S. possessions (Guam, Midway Islands, Wake Island, American Samoa, and Northern Mariana Islands), and (3) from Puerto Rico, the Virgin Islands, and other U.S. possessions into the 50 States and the District of Columbia. Imports into Foreign Trade Zones located in the 50 States and the District of Columbia are considered imports into the 50 States and the District of Columbia.

The type of commodity, port of entry, country of origin, quantity (thousand barrels), sulfur percent by weight, API gravity, and name and location of the processing or storage facility are reported. Sulfur percent by weight is requested for crude oil, crude oil burned as fuel, and residual fuel oil only. API gravity is requested for crude oil only. The name and location of the processing or storage facility is requested for crude oil, unfinished oils, and gasoline blending components only.

The Form EIA-815, “Monthly Terminal Blender Report,” collects data on the operations of all bulk terminals located in the 50 States, District of Columbia, Puerto Rico, the Virgin Islands, Guam, and other U. S. possessions. Beginning and end-of-month stocks, receipts, inputs, production, shipments, and fuel use and losses during the month are collected from operators of terminals. Working and shell storage capacity is collected on a semi-annual basis.

The Form EIA-816, “Monthly Natural Gas Liquids Report,” collects data on the operations of natural gas processing plants and fractionators. Beginning and end-of-month stocks, receipts, inputs, production, shipments, and plant fuel use and losses during the month are collected from operators of natural gas processing plants. End-of-month stocks are collected from fractionators.

The Form EIA-817, “Monthly Tanker and Barge Movement Report,” collects data on the movements of crude oil and petroleum products between PAD Districts. Data are reported by shipping and receiving PAD District and sub-PAD District. Shipments to and from the Panama Canal are also included if the shipment was delivered to the Canal.

The Form EIA-819, “Monthly Oxygenate Report” collects facility-level data on oxygenate inputs, production, gasoline blending at ethanol plants, and end-of-month stocks. Data on end-of-month stocks are reported on a custody basis regardless of ownership. Fuel ethanol storage capacity is collected on a semi-annual basis.

(2.) Frame

EIA maintains complete lists of respondents to its monthly surveys. Each survey has a list of companies and facilities required to submit petroleum activity data. This list is known as the survey frame. Frame maintenance procedures are used to monitor the status of petroleum companies and facilities currently contained in each survey frame as well as to identify

new members to be added to the frame. As a result, all known petroleum supply organizations falling within the definition of “Who Must Submit” participate in the survey.

The activities for frames maintenance are conducted on an ongoing basis. Monthly frames maintenance procedures focus on examining industry periodicals that report changes in status (births, deaths, sales, mergers, and acquisitions) of petroleum facilities producing, transporting, importing, and/or storing crude oil and petroleum products. Augmenting these sources are articles in newspapers, notices from respondents, and information received from survey systems operated by other offices. Survey managers review these sources regularly to monitor changes in company operations and to develop lists of potential respondents. These activities assure coverage of the reporting universe and maintain accurate facility information on addresses and ownership.

Respondents to Form EIA-22M “Monthly Biodiesel Production Survey” include operators of plants that produce biodiesel meeting ASTM D 6751-07B specifications and used for commercial purposes.

Respondents to Form EIA-810, “Monthly Refinery Report” include operators of all operating and idle petroleum refineries located in the 50 States, the District of Columbia, Puerto Rico, the Virgin Islands, Guam and other U.S. possessions.

Respondents to Form EIA-812, “Monthly Product Pipeline Report” include all product pipeline companies that carry petroleum products (including interstate, intrastate, and intra-company pipelines) in the 50 States and the District of Columbia.

Respondents to Form EIA-813, “Monthly Crude Oil Report” include all companies which carry or store 1,000 barrels or more of crude oil. Included in this survey are gathering and trunk pipeline companies (including interstate, intrastate, and intra-company pipelines), crude oil producers, terminal operators, storers of crude oil (except refineries), and companies transporting Alaskan crude oil by water in the 50 States and the District of Columbia.

Respondents to Form EIA-814, “Monthly Imports Report” include each importer of record (or Ultimate consignee in some situations regarding Canadian imports) that import crude oil or petroleum products (1) into the 50 States and the District of Columbia, (2) into Puerto Rico, the Virgin Islands and other U.S. possessions (Guam, Midway Islands, Wake Island, American Samoa, and Northern Mariana Islands), (3) into Foreign Trade Zones located in the 50 States and the District of Columbia and (4) from Puerto Rico, the Virgin Islands and other U.S. possessions into the 50 States and the District of Columbia. A report is required only if there has been an import during the month unless the importer has been selected as part of a sample to report every month regardless of activity.

Respondents to Form EIA-815, “Monthly Terminal Blender Report” include operators of all bulk terminals located in the 50 States, District of Columbia, Puerto Rico, the Virgin Islands,

Guam, and other U. S. possessions must report. A bulk terminal is primarily used for storage, marketing, and often blending of petroleum products and has a total bulk storage capacity of 50,000 barrels or more, and/or receives petroleum products by tanker, barge, or pipeline. Bulk terminal facilities associated with a product pipeline are included.

Respondents to Form EIA-816, “Monthly Natural Gas Liquids Report” include operators of all facilities that extract liquid hydrocarbons from a natural gas stream (natural gas processing plant) and/or separate a liquid hydrocarbon stream into its component products (fractionator).

Respondents to Form EIA-817, “Monthly Tanker and Barge Movement Report” include all companies that have custody of crude oil or petroleum products transported by tanker or barge between Petroleum Administration for Defense Districts and all companies that have custody of crude oil or petroleum products originating from a PAD District and transported to the Panama Canal with the intent that the crude oil or petroleum products be further transported to another PAD District.

For purposes of this report, custody is defined as physical possession of crude oil or petroleum products on a company-owned tanker or barge. Also, companies that lease vessels or contract for the movement of crude oil or petroleum products on a tanker or barge between PAD Districts are considered to have custody.

Respondents to Form EIA-819, “Monthly Oxygenate Report” include all operators of facilities that produce (manufacture or distill) oxygenates (including MTBE plants, petrochemical plants, and refineries that produce oxygenates as part of their operations located in the 50 States and the District of Columbia.)

(3.) Collection

Survey data for the MPSRS are collected by facsimile, email, Internet using secure file transfer, and electronic transmission. All respondents must submit their data by the 20th calendar day following the end of the report month. Receipt of the reports is monitored using an automated respondent mailing list. Telephone follow-up calls are made to nonrespondents prior to the publication deadline. Respondents who are chronically late (i.e., 3 consecutive months) are notified by EIA by certified letter.

(4.) Processing and Micro Editing

Upon receipt, all reported data are transformed into a standard format and sent through a log-in and prescreening process to validate respondent control information and resolve any discrepancies. The data are then processed using generalized edit and imputation procedures. Automated editing procedures check current data for consistency with past data and for internal consistency (e.g., totals equal to the sums of the parts). After the edit failures are resolved and imputation performed for nonrespondents, preliminary tables are produced and used to identify anomalies. These tables show U.S. and PAD District estimates for the current month and the prior 4 years.

Anomalies result in further review of respondent data which in turn may result in additional flagged data and imputation.

(5.) Estimation and Imputation

The nine monthly supply surveys are census surveys. As such, the estimates using these data are the sum of the edited, reported data. Imputation is performed for companies that fail to file Forms EIA-22M, 810, 812, 813, 815, 816, and 819. For these companies, previous monthly values and values reported on the weekly survey forms are used if available. Data for nonrespondents to the Forms EIA-814 and 817 are not imputed because respondent-level data for these surveys are highly variable.

Adjustments are made to aggregate data from time to time. For example, unusual industry conditions, including fuel transitions, business practice shifts, or hurricane dislocations, may generate reporting anomalies and require adjustments. Measurement error and frame deficiencies may occasionally result in inconsistencies when individual respondent data are aggregated to publication levels and require adjustment. Monthly supply data are reviewed throughout the year and some estimates may be replaced with newly available or resubmitted respondent data in the Petroleum Supply Annual (PSA).

(6.) Macro Editing

Monthly data are compared to weekly data on a regular basis. Discrepancies between weekly and monthly data are documented and respondents are called when discrepancies are either large (usually over 300 thousand barrels) or consistent (e.g., weekly data are always lower than monthly data). In addition, a comparison of the data collected on the PSRS with other similar data series from sources outside of the EIA is performed on an ongoing basis. Results of selected data comparisons are published once a year in the feature article, “Comparison of Independent Statistics on Petroleum Supply.” Additional comparisons are made between survey data and model results. Data reported in the Petroleum Supply Monthly and Petroleum Supply Annual are routinely imputed to correct for cases where comparison with other data suggests errors in survey data.

(7.) Dissemination

The *PSM* data are normally released within 60 days of the close of the reference month. The *PSM* is available on the web at:

http://www.eia.doe.gov/oil_gas/petroleum/data_publications/petroleum_supply_monthly/psm.html

Much of the *PSM* data are available on the web product, Petroleum Navigator. Petroleum Navigator provides an interface for accessing a comprehensive set of EIA’s petroleum data. Features include: downloadable spreadsheets containing complete data history, data tables which “pivot” to present different perspectives, and selection boxes to easily change the product, area, process, period, and unit of measure. Petroleum Navigator can be accessed at:

http://tonto.eia.doe.gov/dnav/pet/pet_sum_top.asp

The Petroleum Supply and Disposition table displaying all the components of supply and disposition for all products on one page in a given period can be found at:

http://tonto.eia.doe.gov/dnav/pet/pet_sum_snd_d_nus_mbbbl_m_cur.htm

Annual petroleum supply statistics compiled from the latest monthly data, Census export, and MMS crude oil production data are released in two volumes. The *PSA, Volume 1* contains final annual data for the supply and disposition of crude oil and petroleum products.

http://www.eia.doe.gov/oil_gas/petroleum/data_publications/petroleum_supply_annual/psa_volume1/psa_volume1.html

The *PSA, Volume 2* contains final monthly statistics for the supply and disposition of crude oil and petroleum products.

http://www.eia.doe.gov/oil_gas/petroleum/data_publications/petroleum_supply_annual/psa_volume2/psa_volume2.html

C. Derived Data

Due to the time constraints in publishing monthly petroleum supply statistics and the desire to reduce industry response burden, some of the statistics published in the PSM are obtained from sources other than the monthly supply surveys. These other sources include models to data and data from supplemental sources such as the Bureau of the Census.

(1.) Domestic Crude Oil Production

The interim estimate of U.S., PAD District, and state oil production for the current reference month, published in Tables 1 through 26 of the PSM, are based on:

(a.) crude oil production data from state government agencies and the Department of the Interior, Bureau of Safety and Environmental Enforcement;

(b.) crude oil production data reported on Form EIA-914, "Monthly Crude Oil, Lease Condensate, and Natural Gas Production Report." For some states, EIA uses current reported data from the state (chiefly Alaska). For the states of Arkansas, California, Colorado, Kansas, Louisiana, Montana, New Mexico, North Dakota, Ohio, Oklahoma, Pennsylvania, Texas, Utah, West Virginia, Wyoming, and the Federal Gulf of Mexico, EIA calculates an estimate by modeling the relationship between final state-level data from DrillingInfo, a third-party vendor of well-level data collected by state agencies, and data reported on the EIA-914 survey using weighted least squares (WLS) linear regression. Additional explanation of the WLS estimation methodology is available. Estimates have to be made for crude oil production because complete and correct data from states may take from several months to over two years.

(c.) first purchase data reported on Form EIA-182 "Domestic Crude Oil First Purchase Report." For the remaining states and areas (Alabama, Arizona, Federal Pacific Offshore, Florida, Illinois, Indiana, Kentucky, Maryland, Michigan, Mississippi, Missouri, Nebraska, Nevada, New York, Oregon, South Dakota, Tennessee, and Virginia) EIA calculates an estimate by using the average lagged ratio (ALR) of the state reported data to EIA-182 data, applied to the current EIA-182 data. Additional explanation of the ALR estimation methodology is available.

State-level production estimates are published in Table 26, "Production of Crude Oil by PAD District and State." Table 26 contains estimates for crude oil production for state and federal offshore areas reported by state agencies and the Bureau of Safety and Environmental Enforcement or estimated by EIA using the ALR or WLS methods discussed above. Every month, the monthly crude oil production estimates are updated in Table 26 of the Petroleum Supply Monthly (<http://www.eia.gov/petroleum/supply/monthly/>) using reports from state agencies and the Bureau of Safety and Environmental Enforcement. The estimates are reported in the Petroleum Navigator and the Petroleum Supply Monthly roughly 60 days after the production month.

(2.) Exports

The U.S. Bureau of the Census compiles the official U.S. export statistics. Exporters are required to file a "Shipper's Export Declaration Document" with the U.S. Census Bureau. Each month the EIA receives aggregated export statistics from the U.S. Bureau of the Census (EM-522 and EM-594). Census export statistics used in the PSM reflect both government and non-governmental exports of domestic and foreign merchandise from the United States (the 50 States and the District of Columbia) to foreign countries and U.S. possessions, without regard to whether or not the exportation involves a commercial transaction. The following types of transactions are excluded from the statistics:

- Merchandise shipped in transit through the United States from one foreign country to another, when documented as such with U.S. Customs.
- Bunker fuels and other supplies and equipment for use on departing vessels, planes, or other carriers engaged in foreign trade.

The country of destination is defined as the country of ultimate destination or the country where the goods are to be consumed, further processed, or manufactured, as known to the shipper at the time of exportation. If the shipper does not know the country of ultimate destination, the shipment is credited to the last country to which the shipper knows that the merchandise will be shipped in the same form as it was when exported.

(3.) Movements of crude oil by railroad

The volume of crude oil moving by railroad is calculated using a combination of the Quarterly Commodity Statistics and Waybill sample data from the Surface Transportation Board, data from the National Energy Board of Canada, data in EIA's Oil and Gas Supply Module within the National Energy Modeling system, and an estimation procedure developed by EIA for months in which data these data are not available. Once the data necessary for calculating rail movements become available, which may take as long as 60 days after the end of a calendar quarter, EIA will revise the estimates made.

Movements of crude oil by rail are based on EIA analysis of carload data from the U.S. Surface Transportation Board (STB). Carload data are from the Quarterly Commodity Statistics and Waybill sample. Additional data from the National Energy Board of Canada, and the Oil and Gas Supply Module of the EIA National Energy Modeling System are used for estimating factors for converting carloads to barrels of crude oil.

Carload data from the STB are available approximately 60 days after the end of each quarter. For example, carload data for the first quarter of each year are typically available by about June 1. Therefore, crude oil movements by rail reported by EIA in the Petroleum Supply Monthly and Petroleum Navigator are modeled by predicting recent-month rail movements based on historical correlations of rail movements derived from actual carload data with other regional crude oil supply data either collected by EIA or from other sources including field production, imports, refinery inputs, movements other than rail, refinery input, exports and crude oil adjustments (unaccounted-for crude oil).

Estimates of crude oil movements by rail are subject to revision on a monthly basis as new, more complete, and more accurate data become available. Monthly revisions will typically affect data available through Petroleum Navigator on the EIA web site for the current year and up to two prior years. To the extent that revisions are needed to data more than 2 years in the past, these revisions will be made once a year at the time when Petroleum Navigator tables are updated with final data for a year from the Petroleum Supply Annual. Petroleum Supply Monthly and Petroleum Supply Annual tables released as PDF files will not be revised.

(4.) Stocks of Crude Oil on Leases

This adjustment corrects for incomplete survey coverage of companies that store crude oil on leases. Up until 1983, monthly state government data on lease stocks were substituted for EIA data wherever possible in order to rectify the understatement of lease crude oil stocks. State data were available from three states - Texas, New Mexico, and Montana. To calculate the "lease adjustment," a comparison between EIA reported data and the state government data was made and the difference added to the EIA data for the respective states.

In 1983, the EIA modified the Form EIA-813 to eliminate state data on crude oil stocks and began collecting crude oil stock

data by Petroleum Administration for Defense (PAD) District. With this change, the "lease adjustment" could no longer be calculated on a state basis and was changed to a PAD District level. To adjust for this incomplete coverage, 10,300 thousand barrels of crude oil are added to PAD District 3 stocks and 330 thousand barrels are added to PAD District 4 stocks.

(5.) Trans-Alaska Pipeline System (TAPS) Natural Gas Plant Liquids (NGPL Adjustment)

The TAPS-NGPL adjustment corrects for overstatement of crude oil receipts and input at refineries due to NGPL injection into Alaskan crude oil transported in TAPS. Natural gas processing plants in Alaska produce substantial volumes of NGPL that are added to crude oil transported through TAPS. Refiners have been unable to separate the volume of NGPL from Alaskan crude oil when reporting crude oil receipts and inputs to EIA. The TAPS-NGPL adjustment subtracts Alaskan NGPL production reported by selected gas processing plant operators from crude oil receipts and inputs reported by refiners. Adjusted NGPL production is added to refinery receipts and inputs of NGPL. The adjusted NGPL barrels are allocated to PAD Districts based on the regional distribution of receipts of Alaskan crude oil. Data most affected by the TAPS-NGPL adjustment are receipts and inputs of crude oil in PAD District 5 and receipts, inputs, and product supplied of butane and pentanes plus also in PAD District 5.

NGPL injections into crude oil transported in the TAPS started in 1987. The TAPS-NGPL adjustment was first applied to revised data reported in the Petroleum Supply Annual (PSA) for 1988.

(6.) Finished Motor Gasoline Adjustment

Adjustment quantities for finished motor gasoline are the sum of motor gasoline blending components, fuel ethanol, and methyl tertiary butyl ether (MTBE) adjustments reclassified to finished motor gasoline. Finished motor gasoline adjustment quantities are assumed to reflect gasoline blending activity that was not reported on surveys.

Note on MTBE Adjustment: The MTBE portion of the gasoline adjustment described in this section was only applied to Petroleum Supply Monthly (PSM) data for 2009. The MTBE portion of the gasoline adjustment was discontinued after further examination of the issue made clear the MTBE adjustment was not helpful in forming an accurate statistical representation of U.S. and regional gasoline supplies. The MTBE adjustment was not applied to gasoline supply and disposition data in years prior to 2009, nor was it applied to revised data for 2009 published in the Petroleum Supply Annual or in years after 2009. This note only applies to MTBE adjustments. MTBE blending that was reported on EIA surveys is reflected in U.S. and regional gasoline supply and disposition data. Other adjustments to gasoline supply and disposition data to account for motor gasoline blending components and fuel ethanol remain as described in this section.

- Adjustment quantities for finished reformulated motor gasoline include adjustments for reformulated blendstock for oxygenate blending (RBOB) plus a percentage of gasoline treated as blendstock (GTAB), “other” motor gasoline blending components, fuel ethanol, and MTBE. The quantity of GTAB and “other” motor gasoline blending components adjustments reclassified to finished reformulated motor gasoline is based on the ratio of finished reformulated motor gasoline net production divided by total finished motor gasoline net production reported on surveys by refiners and blenders in each PAD District. Motor gasoline blending components adjustments reclassified to finished reformulated motor gasoline are further classified as blended with alcohol (i.e. fuel ethanol), blended with ether (i.e. MTBE), or non-oxygenated during 2009.

Starting with data for January 2010, motor gasoline blending component adjustment quantities were classified only as blended with fuel ethanol and “other”. During 2009, RBOB adjustment quantities were classified based on the product description that included reference to the oxygenate to be blended. Beginning with data for January 2010, all RBOB is reported in one product category without reference to specific oxygenates, and all RBOB adjustment quantities are assumed blended with fuel ethanol. During 2009, adjustment quantities for GTAB and “other” motor gasoline blending components reclassified to finished reformulated gasoline were further classified as blended with ether, blended with alcohol, or non-oxygenated based on the ratio of production of these products in reported survey data. After determining adjustment quantities of motor gasoline blending components reclassified to each type of finished reformulated motor gasoline, portions of the fuel ethanol and MTBE adjustments were reclassified to reformulated motor gasoline. The fuel ethanol quantity reclassified to finished reformulated motor gasoline was determined using the ratio of fuel ethanol blended into finished motor gasoline calculated from fuel ethanol blending data reported on survey forms by PAD District. For example, if the calculated volumetric fuel ethanol blend ratio was 10%, then a quantity of the fuel ethanol adjustment sufficient to make a 10% blend with the available motor gasoline blending components is reclassified to finished reformulated motor gasoline, but the quantity of fuel ethanol cannot exceed the total quantity of the fuel ethanol adjustment. During 2009, a similar process was followed for allocating the MTBE adjustment to reformulated motor gasoline except the blend ratio was assumed to be 12% in all PAD Districts. Starting with data for January 2010, the entire MTBE adjustment quantity is assumed to be blended with finished conventional motor gasoline.

- Adjustment quantities for finished conventional motor gasoline include adjustments for conventional

blendstock for oxygenate blending (CBOB) plus the portion of GTAB, “other” motor gasoline blending components, fuel ethanol and MTBE adjustments that were not reclassified to finished reformulated motor gasoline. The total adjustment to finished conventional motor gasoline is further classified as finished conventional gasoline blended with fuel ethanol and “other” finished conventional motor gasoline. The quantity of the finished conventional motor gasoline adjustment reclassified as finished conventional motor gasoline blended with fuel ethanol is determined using the quantity of the fuel ethanol adjustment allocated to finished conventional motor gasoline and the fuel ethanol blend ratio calculated from fuel ethanol blending reported on surveys by PAD District. For example, if the fuel ethanol blend ratio calculated from survey data was 10% in a PAD District, then the total adjustment quantity of finished conventional motor gasoline in that PAD District would be 10 times the fuel ethanol adjustment quantity allocated to finished conventional gasoline (i.e. the adjustment to finished conventional motor gasoline blended with fuel ethanol includes 10% fuel ethanol and 90% gasoline from the motor gasoline blending components adjustment). The MTBE adjustment allocated to finished conventional motor gasoline is simply added to the adjustment for “other” finished conventional motor gasoline.

- Fuel ethanol adjustment quantities frequently exceed the volume of fuel ethanol needed to achieve a blend ratio implied by blending activity reported by refiners and blenders on surveys when considering only the gasoline barrels available from the motor gasoline blending components adjustment. In this case, “other” finished conventional motor gasoline is reclassified by the adjustment to finished conventional motor gasoline blended with alcohol in order to maintain an ethanol blend ratio equal to the fuel ethanol blend ratio reported by refiners and blenders in each PAD District.

(7.) Motor Gasoline Blending Components Adjustment

Adjustment quantities for motor gasoline blending components at the U.S. level equal the sum of stock change, refinery and blender net input, and exports minus the sum of imports and renewable fuels and oxygenate plant net production (i.e. motor gasoline blending components use as denaturant for fuel ethanol production). Adjustment quantities by PAD District equal the sum of stock change, refinery and blender net input, and exports minus the sum of imports, renewable fuels and oxygenate plant net production, and net receipts. Motor gasoline blending components adjustments are calculated for reformulated blendstock for oxygenate blending (RBOB), conventional blendstock for oxygenate blending (CBOB), gasoline treated as blendstock (GTAB), and “other” motor gasoline blending components. Product supplied for motor gasoline blending components is assumed to always equal zero because there is no end-user demand for motor gasoline blending components

as anything other than finished motor gasoline. Motor gasoline blending components adjustment quantities are assumed to reflect finished motor gasoline blending implied by the supply and disposition balance but not reported on surveys. Adjustment quantities for motor gasoline blending components are reclassified to finished motor gasoline and added to the finished motor gasoline adjustment.

(8.) Renewable Fuels including Fuel Ethanol Adjustment

Adjustment quantities for renewable fuels (including fuel ethanol) at the U.S. level equal the sum of stock change, refinery and blender net input, and exports minus the sum of renewable fuels and oxygenate plant net production and imports. Calculation of adjustment quantities by PAD District depends on the product. Individual products include fuel ethanol, biomass based diesel fuel (including biodiesel), “other” renewable diesel fuel, and “other” renewable fuels (e.g. bio-jet fuel). Product supplied for renewable fuels (including fuel ethanol) is assumed equal to zero. Adjustments for fuel ethanol and “other” renewable fuels are discussed separately below.

- Fuel ethanol adjustment quantities at the U.S. level equal the sum of stock change, refinery and blender net input, and exports minus the sum of renewable fuels and oxygenate plant net production and imports. There are no survey data available for rail movements of fuel ethanol between PAD Districts, and so allocation of fuel ethanol adjustments to PAD Districts is based on the ratio of fuel ethanol blending reported on surveys in each PAD District divided by fuel ethanol blending reported on surveys for the entire U.S. In this case, Fuel ethanol implied net receipts are calculated for each PAD District as the sum of stock change, refinery and blender net input, and exports minus the sum of renewable fuels and oxygenate plant net production, imports, and adjustments. Fuel ethanol implied net receipts are the balancing item between total supply and disposition in each PAD District. Fuel ethanol adjustment quantities are assumed to reflect blending of fuel ethanol into finished motor gasoline that is implied by the available supply of fuel ethanol but not reported on surveys. Fuel ethanol adjustment volumes are reclassified to finished reformulated motor gasoline and finished conventional motor gasoline through finished motor gasoline adjustments.

- The product category called “renewable fuels except fuel ethanol” includes biomass-based diesel fuel (including biodiesel), “other” renewable diesel fuel, and “other” renewable fuels (e.g. bio-jet fuel). For PSM data prior to January 2012, renewable fuels except fuel ethanol adjustment quantities at the U.S. and PAD District levels were calculated as the sum of stock change, refinery and blender net input, and exports minus imports. Data for production of Renewable Fuels except Fuel Ethanol

was unavailable and was excluded from Renewable Fuels and Oxygenate Plant Net Production. Therefore the calculation of adjustments to Renewable Fuels except Fuel Ethanol caused production to be included in the adjustment. Similarly, the calculation caused net inter-PAD District movements (i.e. net receipts) by rail and truck to also be included in adjustments to renewable fuels except fuel ethanol.

- Beginning with PSM data for January 2012, production of biodiesel reported on Form EIA-22M was included under the heading of “renewable fuels and oxygenate plant net production” in petroleum supply and disposition balances for “renewable fuels except fuel ethanol”. As a result, the adjustment for “renewable fuels except fuel ethanol” no longer includes production of biodiesel. This change will also be made to revised monthly data for January-December 2011 when the 2011 Petroleum Supply Annual is released.

- Biodiesel adjustment quantities at the U.S. level equal the sum of stock change, refinery and blender net input, and exports minus the sum of renewable fuels and oxygenate plant net production and imports. There are no survey data available for rail movements of biodiesel between PAD Districts, and so allocation of fuel biodiesel adjustments to PAD Districts is based on the ratio of biomass-based diesel blending reported on surveys in each PAD District divided by biomass-based diesel fuel blending reported on surveys for the entire U.S. Biodiesel implied net receipts are calculated for each PAD District as the sum of stock change, refinery and blender net input, and exports minus the sum of renewable fuels and oxygenate plant net production, imports, and adjustments. Biodiesel implied net receipts are the balancing item between total supply and disposition in each PAD District. Biodiesel adjustment quantities are assumed to reflect blending of biodiesel into distillate fuel oil that is implied by the available supply of biodiesel but not reported as input on surveys. Biodiesel adjustment volumes are reclassified to distillate fuel oil (15 ppm sulfur and under) through distillate fuel oil adjustments.

(9.) Distillate Fuel Oil Adjustment

Adjustment quantities for distillate fuel oil show reclassification by pipeline operators of distillate fuel oil with sulfur content of 15 ppm and under to distillate fuel oil with sulfur content greater than 15 ppm to 500 ppm (inclusive). Reclassification may occur when distillate product with sulfur content of 15 ppm and under becomes mixed with products having higher sulfur content during pipeline transportation, storage, or handling. Adjustment quantities are reported by pipeline operators on Form EIA-812 “Monthly Product Pipeline Report.” This adjustment was discontinued after publication of data for

Beginning with PSM data for January 2012, distillate fuel oil adjustments equal the opposite of biodiesel adjustments described above in section 7. Biodiesel adjustments are added to distillate fuel oil (15 ppm sulfur and under) and to total distillate fuel oil. Distillate fuel oil adjustment quantities are assumed to reflect biodiesel blending activity implied by biodiesel supply and disposition but not reported on surveys. Distillate fuel oil adjustments for biodiesel will also be added to revised data for January-December 2011 when the 2011 Petroleum Supply Annual is released.

(10.) Crude Oil Adjustment

Adjustment quantities for crude oil are derived to balance crude oil supply and disposition. Crude oil product supplied was equal to crude oil used directly as reported on Form EIA-813 "Monthly Crude Oil Report" in data through December 2009. Reporting crude oil used directly was discontinued on Form EIA-813 after collection of data for December 2009. Crude oil product supplied is assumed equal to zero beginning with data for January 2010. Undercounting crude oil imports in survey data is one example of a typical cause of crude oil adjustments. This results in a positive crude oil adjustment because crude oil disposition (i.e. the sum of stock change, refiner inputs, and exports) will exceed available supply (i.e. the sum of field production and imports) due to import undercounting. Crude oil losses are included in crude oil adjustment quantities. The crude oil adjustment was formerly called unaccounted-for crude oil. The name change was effective with data for January 2005.

(11.) Other Hydrocarbon Adjustment

Adjustment quantities for "other" hydrocarbons equal the sum of stock change, refinery and blender net inputs and exports minus imports. "Other" hydrocarbons product supplied is assumed equal to zero. Adjustment quantities account for "other" hydrocarbons produced outside of refineries. There are no movements data collected on surveys for "other" hydrocarbons. Therefore, adjustment quantities include any net receipts of "other" hydrocarbons resulting from inter-PAD District movements.

(12.) Hydrogen Adjustment

Adjustment quantities for hydrogen equal refinery and blender net input of hydrogen. Hydrogen product supplied is assumed equal to zero. Adjustment quantities account for hydrogen supplied to U.S. refineries from non-refinery sources. There are no movements data collected on surveys for hydrogen. Therefore, adjustment quantities at the PAD District level include any net receipts of hydrogen resulting from inter-PAD District movements.

(13.) Oxygenates (excluding fuel ethanol) Adjustment

Adjustment quantities for oxygenates (excluding fuel ethanol)

equal the sum of stock change, refinery and blender net inputs, and exports minus the sum of renewable fuels and oxygenate plant net production and imports. Product supplied for oxygenates (excluding fuel ethanol) is assumed equal to zero. Methyl tertiary butyl ether (MTBE) is the single largest component of oxygenates (excluding fuel ethanol). Adjustments calculated for MTBE are reclassified to finished motor gasoline and are added to finish motor gasoline supply through the finished motor gasoline adjustment. There are no survey data available for movements of MTBE between PAD Districts. MTBE adjustment quantities are allocated to PAD Districts using ratios equal to the sum of MTBE input and export for each PAD District divided by the sum of MTBE input and export for the U.S. MTBE implied net receipts are calculated for each PAD District as the sum of stock change, refinery and blender net input, and exports minus the sum of renewable fuels and oxygenate plant net production, imports, and adjustments. MTBE implied net receipts are the balancing item between total supply and disposition in each PAD District.

3. Quality

A. General Discussion

(1.) Response Rates

The response rate is generally 98 to 100 percent. Average response rates for the monthly and weekly surveys are published in the annual PSM article "Accuracy of Petroleum Supply Data." Chronic nonrespondents and late filing respondents are contacted in writing and reminded of their requirement to report. Companies that file late or fail to file are subject to criminal fines, civil penalties, and other sanctions as provided by Section 13(i) of the Federal Energy Administration (FEA) Act.

(2.) Non-sampling Errors

There are two types of errors usually associated with data produced from a survey; sampling errors and nonsampling errors. Because the estimates for the monthly surveys are based on a complete census of the frame, there is no sampling error in the data presented. The data, however, are subject to non-sampling errors. Non-sampling errors may arise from a number of sources including: (1) the inability to obtain data from all companies in the frame (non-response) and the method used to account for non-response, (2) response errors, (3) differences in the interpretation of questions or definitions, (4) mistakes in recording or coding of the data obtained from respondents, and (5) other errors of collection, response, coverage, processing, and estimation.

(3.) Resubmissions

Throughout the year, EIA accepts data revisions of monthly data. If a revision to a monthly submission is made after the PSM has been published, it is referred to as a resubmission. The final monthly values for the previous year are published in the PSA. These values reflect all PSM resubmissions and other

data corrections. The values contained in the *PSA* are EIA's most accurate measure of petroleum supply activity.

(4.) Revision Policy

EIA will publish revised monthly crude oil production estimates going back to the Previously published Petroleum Supply Annual every month in the Petroleum Supply Navigator (<http://www.eia.gov/petroleum/supply/monthly/>). Once a year with the release of the Petroleum Supply Annual, EIA will revise up to 10 years of historical production estimates in the Petroleum Supply Navigator.

B. Data Assessment

The principal objective of the PSRS is to provide an accurate picture of petroleum industry activities and of the availability of petroleum products nationwide from primary distribution channels. The PSM preliminary monthly data serve as leading indicators of the final monthly data published in the *PSA*. The PSM monthly data are not expected to have the same level of accuracy as the final monthly data published in the *PSA*. However, the preliminary monthly data are expected to exhibit like trends and product flow characteristic of the final monthly data.

To assess the accuracy of monthly statistics, initial monthly estimates published in the PSM are compared with the final monthly aggregates published in the *PSA*. Although final monthly data are still subject to error, they have been thoroughly reviewed and edited, they reflect all revisions made during the year, and they are considered to be the most accurate data available. The mean absolute percent error provides a measure of the average revisions relative to the aggregates being measured for a variable. The mean absolute percent error for 2007 monthly data was less than 1 percent for 50 of the 66 major petroleum variables analyzed.

4. Provisions Regarding Disclosure of Information

All PSRS survey forms, with the exception of the Form EIA-814, "Monthly Imports Report," have the same general disclosure

information statement. The information reported on Form EIA-814 will be considered "public information" and may be publicly released in company or individually identifiable form, and will not be protected from disclosure in identifiable form.

The information reported on Forms EIA-810 through 813, 815 through 817, 819, and 820 will be protected and not disclosed to the public to the extent that it satisfies the criteria for exemption under the Freedom of Information Act (FOIA), 5 U.S.C. §552, the Department of Energy (DOE) regulations, 10 C.F.R. §1004.11, implementing the FOIA, and the Trade Secrets Act, 18 U.S.C. §1905.

The Federal Energy Administration Act requires the EIA to provide company-specific data to other Federal agencies when requested for official use. The information reported on this form may also be made available, upon request, to another DOE component; to any Committee of Congress, the Government Accountability Office, or other Federal agencies authorized by law to receive such information. A court of competent jurisdiction may obtain this information in response to an order. The information may be used for any nonstatistical purposes such as administrative, regulatory, law enforcement, or adjudicatory purposes.

Disclosure limitation procedures are not applied to the statistical data published from this survey's information. Thus, there may be some statistics that are based on data from fewer than three respondents, or that are dominated by data from one or two large respondents. In these cases, it may be possible for a knowledgeable person to estimate the information reported by a specific respondent.

In addition to the use of the information by EIA for statistical purposes, the information may be made available, upon request, to other Federal agencies authorized by law to receive such information for any nonstatistical purposes such as administrative, regulatory, law enforcement, or adjudicatory purposes.

Company specific data are also provided to other DOE offices for the purpose of examining specific petroleum operations in the context of emergency response planning and actual emergencies.

Table B1. Finished Motor Gasoline Product Supplied and Gasoline Supply Added by Adjustments to Motor Gasoline Blending Components and Fuel Ethanol, 1997 - 2008
(Thousand Barrels per Day)

Item/Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Avg
1997													
Fuel Ethanol Adj.	39	50	51	46	48	38	59	37	47	69	50	61	50
Motor Gas Blending	-20	61	-27	87	73	113	89	95	115	107	165	80	78
Products Supplied	7,301	7,668	7,796	8,064	8,139	8,288	8,496	8,233	8,023	8,141	7,965	8,065	8,017
1998													
Fuel Ethanol Adj.	66	55	61	55	42	50	49	58	62	71	55	75	58
Motor Gas Blending	84	39	117	140	142	246	111	88	171	89	145	205	132
Products Supplied	7,618	7,711	8,004	8,312	8,279	8,520	8,680	8,568	8,310	8,378	8,167	8,451	8,253
1999													
Fuel Ethanol Adj.	57	52	52	53	50	59	43	54	55	64	66	72	56
Motor Gas Blending	81	-13	20	134	46	214	192	128	102	212	156	165	120
Products Supplied	7,701	8,031	8,128	8,506	8,420	8,886	8,942	8,579	8,305	8,542	8,240	8,859	8,431
2000													
Fuel Ethanol Adj.	60	47	62	62	76	52	68	73	66	74	73	76	66
Motor Gas Blending	255	208	178	158	198	125	80	158	155	107	83	319	169
Products Supplied	7,653	8,291	8,305	8,375	8,661	8,824	8,642	8,921	8,518	8,417	8,384	8,670	8,472
2001													
Fuel Ethanol Adj.	80	65	61	59	64	40	96	52	71	93	63	58	67
Motor Gas Blending	264	121	289	303	196	210	213	245	196	193	175	252	222
Products Supplied	8,099	8,234	8,532	8,575	8,706	8,690	9,023	8,953	8,557	8,655	8,677	8,585	8,610
2002													
Fuel Ethanol Adj.	60	68	40	75	78	66	66	48	56	58	80	62	63
Motor Gas Blending	184	214	174	233	339	287	269	252	177	172	208	235	229
Products Supplied	8,227	8,607	8,655	8,766	9,078	9,140	9,143	9,313	8,687	8,814	8,829	8,893	8,848
2003													
Fuel Ethanol Adj.	13	49	8	45	38	31	29	44	31	35	41	22	32
Motor Gas Blending	109	174	209	265	354	399	314	375	298	324	281	194	275
Products Supplied	8,414	8,525	8,602	8,838	9,042	9,170	9,192	9,411	8,926	9,108	8,946	9,011	8,935
2004													
Fuel Ethanol Adj.	17	21	7	36	36	53	25	32	37	29	25	27	29
Motor Gas Blending	217	393	469	574	464	609	466	493	489	372	347	265	429
Products Supplied	8,705	8,838	9,024	9,126	9,179	9,322	9,357	9,327	9,015	9,097	9,055	9,206	9,105
2005													
Fuel Ethanol Adj.	37	31	24	32	39	54	47	55	40	45	50	47	42
Motor Gas Blending	357	251	200	222	337	310	460	455	382	360	239	436	335
Products Supplied	8,775	8,798	8,996	9,130	9,257	9,380	9,451	9,454	8,897	9,013	9,079	9,246	9,125
2006													
Fuel Ethanol Adj.	33	37	48	36	23	40	27	44	51	32	52	37	38
Motor Gas Blending	278	226	406	486	714	207	663	432	649	539	645	689	497
Products Supplied	8,727	8,836	9,129	9,140	9,312	9,440	9,583	9,585	9,222	9,286	9,160	9,335	9,233
2007													
Fuel Ethanol Adj.	68	51	58	62	67	73	84	95	51	93	100	113	76
Motor Gas Blending	512	462	607	674	608	473	627	553	544	534	689	535	569
Products Supplied	8,891	9,025	9,169	9,232	9,429	9,510	9,622	9,592	9,244	9,250	9,249	9,249	9,290
2008													
Fuel Ethanol Adj.	117	118	118	163	134	117	99	107	156	93	76	108	117
Motor Gas Blending	223	259	246	138	402	371	331	448	376	171	417	77	288
Products Supplied	8,814	8,842	9,069	9,117	9,216	9,071	9,072	9,090	8,469	8,986	8,889	8,921	8,964

Adjustments to finished motor gasoline, motor gasoline blending components, fuel ethanol, and Methyl Tertiary Butyl Ether (MTBE) are available in Petroleum Navigator.

http://tonto.eia.doe.gov/dnav/pet/pet_sum_snd_d_nus_mbbldpd_m_cur.htm

Note: Totals may not equal sum of components due to independent rounding.

Sources: Annual Averages, 1997 – 2007, Energy Information Administration (EIA) Petroleum Supply Annual, Volume 1 (table 2), Monthly Data, 1997-2007, Petroleum Supply Annual, Volume 2 (table 2), Annual Average, 2008, Petroleum Supply Monthly, February 2009 issue (table 4), Monthly Data, 2008, Petroleum Supply Monthly, (table 3).

Northeast Reserves

Reserves inventories are not considered to be in the commercial sector and are excluded from EIA's commercial motor gasoline and distillate fuel oil supply and disposition statistics, such as those reported in the *Weekly Petroleum Status Report*, *Petroleum Supply Monthly*, and *This Week In Petroleum*.

Northeast Home Heating Oil Reserve classified as ultra-low sulfur distillate (15 parts per million)

Terminal Operator	Location	Thousand Barrels
Buckeye Partners LP	Groton, CT	500
Global Companies LLC	Revere, MA	500

Source: U. S. Energy Information Administration

Northeast Regional Refined Petroleum Product Reserve motor gasoline products

Terminal Operator	Location	Thousand Barrels
BP Products North America	Carteret, NJ	200
Buckeye Terminals LLC	Port Reading, NJ	0
Buckeye Terminals LLC	Raritan Bay, NJ	500
Global Companies LLC	Revere, MA	200
South Portland Terminal LLC	South Portland, ME	99

Source: U. S. Energy Information Administration

Other reserves information from the U.S. Department of Energy, Office of Petroleum Reserves can be found at <http://energy.gov/fe/services/petroleum-reserves/>

State of New York's Strategic Fuels Reserve Program

State reserve inventories are also not considered to be in the commercial sector and are excluded from EIA's commercial inventories and are excluded from supply and disposition statistics, such as those reported in the *Weekly Petroleum Status Report*, *Petroleum Supply Monthly*, and *This Week In Petroleum*.

Product	Location	Thousand Barrels
Motor Gasoline Blending Components	NY	85
Fuel Ethanol	NY	9
Distillate Fuel Oil, 15 ppm Sulfur and Under	NY	34

Source: New York State Energy Research & Development Authority

Definitions of Petroleum Products and Other Terms

(Revised May 2010)

Alcohol. The family name of a group of organic chemical compounds composed of carbon, hydrogen, and oxygen. The series of molecules vary in chain length and are composed of a hydrocarbon plus a hydroxyl group; $\text{CH}_3\text{-(CH}_2\text{)}_n\text{-OH}$ (e.g., methanol, ethanol, and tertiary butyl alcohol).

Alkylate. The product of an alkylation reaction. It usually refers to the high octane product from alkylation units. This alkylate is used in blending high octane gasoline.

Alkylation. A refining process for chemically combining isobutane with olefin hydrocarbons (e.g., propylene, butylene) through the control of temperature and pressure in the presence of an acid catalyst, usually sulfuric acid or hydrofluoric acid. The product, alkylate, an isoparaffin, has high octane value and is blended with motor and aviation gasoline to improve the antiknock value of the fuel.

All Other Motor Gasoline Blending Components. See Motor Gasoline Blending Components.

API Gravity. An arbitrary scale expressing the gravity or density of liquid petroleum products. The measuring scale is calibrated in terms of degrees API; it may be calculated in terms of the following formula:

$$\text{Degrees API} = \frac{141.5}{\text{sp. gr. @ } 60^\circ \text{ F}} - 131.5$$

The higher the API gravity, the lighter the compound. Light crudes generally exceed 38 degrees API and heavy crudes are commonly labeled as all crudes with an API gravity of 22 degrees or below. Intermediate crudes fall in the range of 22 degrees to 38 degrees API gravity.

Aromatics. Hydrocarbons characterized by unsaturated ring structures of carbon atoms. Commercial petroleum aromatics are benzene, toluene, and xylene (BTX).

Asphalt. A dark-brown-to-black cement-like material containing bitumens as the predominant constituent obtained by petroleum processing; used primarily for road construction. It includes crude asphalt as well as the following finished products: cements, fluxes, the asphalt content of emulsions (exclusive of water), and petroleum distillates blended with asphalt to make cutback asphalts. Note: The conversion factor for asphalt is 5.5 barrels per short ton.

ASTM. The acronym for the American Society for Testing and Materials.

Atmospheric Crude Oil Distillation. The refining process of separating crude oil components at atmospheric pressure by heating to temperatures of about 600 degrees Fahrenheit to 750 degrees Fahrenheit (depending on the nature of the crude oil and desired products) and subsequent condensing of the fractions by cooling.

Aviation Gasoline (Finished). A complex mixture of relatively volatile hydrocarbons with or without small quantities of additives, blended to form a fuel suitable for use in aviation reciprocating

engines. Fuel specifications are provided in ASTM Specification D 910 and Military Specification MIL-G-5572. Note: Data on blending components are not counted in data on finished aviation gasoline.

Aviation Gasoline Blending Components. Naphthas which will be used for blending or compounding into finished aviation gasoline (e.g., straight-run gasoline, alkylate, reformat, benzene, toluene, and xylene). Excludes oxygenates (alcohols, ethers), butane, and pentanes plus. Oxygenates are reported as other hydrocarbons, hydrogen, and oxygenates.

Barrel. A unit of volume equal to 42 U.S. gallons.

Barrels Per Calendar Day. The amount of input that a distillation facility can process under usual operating conditions. The amount is expressed in terms of capacity during a 24-hour period and reduces the maximum processing capability of all units at the facility under continuous operation (see **Barrels per Stream Day**) to account for the following limitations that may delay, interrupt, or slow down production:

the capability of downstream facilities to absorb the output of crude oil processing facilities of a given refinery. No reduction is made when a planned distribution of intermediate streams through other than downstream facilities is part of a refinery's normal operation;

the types and grades of inputs to be processed;

the types and grades of products expected to be manufactured;

the environmental constraints associated with refinery operations;

the reduction of capacity for scheduled downtime due to such conditions as routine inspection, maintenance, repairs, and turnaround; and

the reduction of capacity for unscheduled downtime due to such conditions as mechanical problems, repairs, and slowdowns.

Barrels Per Stream Day. The maximum number of barrels of input that a distillation facility can process within a 24-hour period when running at full capacity under optimal crude and product slate conditions with no allowance for downtime.

Benzene (C_6H_6). An aromatic hydrocarbon present in small proportion in some crude oils and made commercially from petroleum by the catalytic reforming of naphthenes in petroleum naphtha. Also made from coal in the manufacture of coke. Used as a solvent, in manufacturing detergents, synthetic fibers, and petrochemicals and as a component of high-octane gasoline.

Biomass-Based Diesel Fuel. Biodiesel and other renewable diesel fuel or diesel fuel blending components derived from biomass, but excluding renewable diesel fuel coprocessed with petroleum

feedstocks.

Blending Components. See *Motor or Aviation Gasoline Blending Components*.

Blending Plant. A facility which has no refining capability but is either capable of producing finished motor gasoline through mechanical blending or blends oxygenates with motor gasoline.

Bonded Petroleum Imports. Petroleum imported and entered into Customs bonded storage. These imports are not included in the import statistics until they are: (1) withdrawn from storage free of duty for use as fuel for vessels and aircraft engaged in international trade; or (2) withdrawn from storage with duty paid for domestic use.

BTX. The acronym for the commercial petroleum aromatics benzene, toluene, and xylene. See individual categories for definitions.

Bulk Station. A facility used primarily for the storage and/or marketing of petroleum products which has a total bulk storage capacity of less than 50,000 barrels and receives its petroleum products by tank car or truck.

Bulk Terminal. A facility used primarily for the storage and/or marketing of petroleum products which has a total bulk storage capacity of 50,000 barrels or more and/or receives petroleum products by tanker, barge, or pipeline.

Butane (C_4H_{10}). A normally gaseous straight-chain or branch-chain hydrocarbon extracted from natural gas or refinery gas streams. It includes normal butane and refinery-grade butane and is designated in ASTM Specification D1835 and Gas Processors Association Specifications for commercial butane.

Normal Butane (C_4H_{10}). A normally gaseous straight-chain hydrocarbon that is a colorless paraffinic gas which boils at a temperature of 31.1 degrees Fahrenheit and is extracted from natural gas or refinery gas streams.

Refinery-Grade Butane (C_4H_{10}). A refinery-produced stream that is composed predominantly of normal butane and/or isobutane and may also contain propane and/or natural gasoline. These streams may also contain significant levels of olefins and/or fluorides contamination.

Butylene (C_4H_8). An olefinic hydrocarbon recovered from refinery processes.

Captive Refinery Oxygenate Plants. Oxygenate production facilities located within or adjacent to a refinery complex.

Catalytic Cracking. The refining process of breaking down the larger, heavier, and more complex hydrocarbon molecules into simpler and lighter molecules. Catalytic cracking is accomplished by the use of a catalytic agent and is an effective process for increasing the yield of gasoline from crude oil. Catalytic cracking processes fresh feeds and recycled feeds.

Fresh Feeds. Crude oil or petroleum distillates which are being fed to processing units for the first time.

Recycled Feeds. Feeds that are continuously fed back for additional processing.

Catalytic Hydrocracking. A refining process that uses hydrogen and catalysts with relatively low temperatures and high pressures for converting middle boiling or residual material to high-octane gasoline, reformer charge stock, jet fuel, and/or high grade fuel oil. The process uses one or more catalysts, depending upon product output, and can handle high sulfur feedstocks without prior desulfurization.

Catalytic Hydrotreating. A refining process for treating petroleum fractions from atmospheric or vacuum distillation units (e.g., naphthas, middle distillates, reformer feeds, residual fuel oil, and heavy gas oil) and other petroleum (e.g., cat cracked naphtha, coker naphtha, gas oil, etc.) in the presence of catalysts and substantial quantities of hydrogen. Hydrotreating includes desulfurization, removal of substances (e.g., nitrogen compounds) that deactivate catalysts, conversion of olefins to paraffins to reduce gum formation in gasoline, and other processes to upgrade the quality of the fractions.

Catalytic Reforming. A refining process using controlled heat and pressure with catalysts to rearrange certain hydrocarbon molecules, thereby converting paraffinic and naphthenic type hydrocarbons (e.g., low-octane gasoline boiling range fractions) into petrochemical feedstocks and higher octane stocks suitable for blending into finished gasoline. Catalytic reforming is reported in two categories. They are:

Low Pressure. A processing unit operating at less than 225 pounds per square inch gauge (PSIG) measured at the outlet separator.

High Pressure. A processing unit operating at either equal to or greater than 225 pounds per square inch gauge (PSIG) measured at the outlet separator.

Charge Capacity. The input (feed) capacity of the refinery processing facilities.

Coal. A readily combustible black or brownish-black rock whose composition, including inherent moisture, consists of more than 50 percent by weight and more than 70 percent by volume of carbonaceous material. It is formed from plant remains that have been compacted, hardened, chemically altered, and metamorphosed by heat and pressure over geologic time.

Commercial Kerosene-Type Jet Fuel. See *Kerosene-Type Jet Fuel*.

Conventional Blendstock for Oxygenate Blending (CBOB). See *Motor Gasoline Blending Components*.

Conventional Gasoline. See *Motor Gasoline (Finished)*.

Crude Oil. A mixture of hydrocarbons that exists in liquid phase in natural underground reservoirs and remains liquid at atmospheric pressure after passing through surface separating facilities. Depending upon the characteristics of the crude stream, it may also include:

Small amounts of hydrocarbons that exist in gaseous phase in natural underground reservoirs but are liquid at atmospheric pressure after being recovered from oil well (casinghead) gas in lease separators and are subsequently commingled

with the crude stream without being separately measured. Lease condensate recovered as a liquid from natural gas wells in lease or field separation facilities and later mixed into the crude stream is also included;

Small amounts of nonhydrocarbons produced from oil, such as sulfur and various metals;

Drip gases, and liquid hydrocarbons produced from tar sands, oil sands, gilsonite, and oil shale.

Liquids produced at natural gas processing plants are excluded. Crude oil is refined to produce a wide array of petroleum products, including heating oils; gasoline, diesel and jet fuels; lubricants; asphalt; ethane, propane, and butane; and many other products used for their energy or chemical content.

Crude oil is considered as either domestic or foreign, according to the following:

Domestic. Crude oil produced in the United States or from its Outer continental shelf as defined in 43 USC 1331.

Foreign. Crude oil produced outside the United States. Imported Athabasca hydrocarbons (tar sands from Canada) are included.

Crude Oil, Refinery Receipts. Receipts of domestic and foreign crude oil at a refinery. Includes all crude oil in transit except crude oil in transit by pipeline. Foreign crude oil is reported as a receipt only after entry through customs. Crude oil of foreign origin held in bonded storage is excluded.

Crude Oil Losses. Represents the volume of crude oil reported by petroleum refineries as being lost in their operations. These losses are due to spills, contamination, fires, etc. as opposed to refinery processing losses.

Crude Oil Production. The volume of crude oil produced from oil reservoirs during given periods of time. The amount of such production for a given period is measured as volumes delivered from lease storage tanks (i.e., the point of custody transfer) to pipelines, trucks, or other media for transport to refineries or terminals with adjustments for (1) net differences between opening and closing lease inventories, and (2) basic sediment and water (BS&W).

Crude Oil Qualities. Refers to two properties of crude oil, the sulfur content and API gravity, which affect processing complexity and product characteristics.

Delayed Coking. A process by which heavier crude oil fractions can be thermally decomposed under conditions of elevated temperatures and pressure to produce a mixture of lighter oils and petroleum coke. The light oils can be processed further in other refinery units to meet product specifications. The coke can be used either as a fuel or in other applications such as the manufacturing of steel or aluminum.

Desulfurization. The removal of sulfur, as from molten metals, petroleum oil, or flue gases. Petroleum desulfurization is a process that removes sulfur and its compounds from various streams during the refining process. Desulfurization processes include catalytic hydrotreating and other chemical/physical processes such

as adsorption. Desulfurization processes vary based on the type of stream treated (e.g., naphtha, distillate, heavy gas oil, etc.) and the amount of sulfur removed (e.g., sulfur reduction to 10 ppm). See **Catalytic Hydrotreating**.

Disposition. The components of petroleum disposition are stock change, crude oil losses, refinery inputs, exports, and products supplied for domestic consumption.

Distillate Fuel Oil. A general classification for one of the petroleum fractions produced in conventional distillation operations. It includes diesel fuels and fuel oils. Products known as No. 1, No. 2, and No. 4 diesel fuel are used in on-highway diesel engines, such as those in trucks and automobiles, as well as off-highway engines, such as those in railroad locomotives and agricultural machinery. Products known as No. 1, No. 2, and No. 4 fuel oils are used primarily for space heating and electric power generation.

No. 1 Distillate. A light petroleum distillate that can be used as either a diesel fuel or a fuel oil.

No. 1 Diesel Fuel. A light distillate fuel oil that has a distillation temperature of 550 degrees Fahrenheit at the 90-percent recovery point and meets the specifications defined in ASTM Specification D 975. It is used in high speed diesel engines generally operated under frequent speed and load changes, such as those in city buses and similar vehicles. See **No. 1 Distillate**.

No. 1 Fuel Oil. A light distillate fuel oil that has distillation temperatures of 400 degrees Fahrenheit at the 10-percent recovery point and 550 degrees Fahrenheit at the 90-percent recovery point and meets the specifications defined in ASTM Specification D 396. It is used primarily as fuel for portable outdoor stoves and portable outdoor heaters. See **No. 1 Distillate**.

No. 2 Distillate. A petroleum distillate that can be used as either a diesel fuel or a fuel oil.

No. 2 Diesel Fuel. A distillate fuel oil that has a distillation temperature of 640 degrees Fahrenheit at the 90-percent recovery point and meets the specifications defined in ASTM Specification D 975. It is used in high-speed diesel engines that are generally operated under uniform speed and load conditions, such as those in railroad locomotives, trucks, and automobiles. See **No. 2 Distillate**.

Low Sulfur No. 2 Diesel Fuel. No. 2 diesel fuel that has a sulfur level no higher than 0.05 percent by weight. It is used primarily in motor vehicle diesel engines for on-highway use.

High Sulfur No. 2 Diesel Fuel. No. 2 diesel fuel that has a sulfur level above 0.05 percent by weight.

No. 2 Fuel Oil (Heating Oil). A distillate fuel oil that has a distillation temperature of 640 degrees Fahrenheit at the 90-percent recovery point and meets the specifications defined in ASTM Specification D 396. It is used in

atomizing type burners for domestic heating or for moderate capacity commercial/industrial burner units. See **No. 2 Distillate**.

No. 4 Fuel. A distillate fuel oil made by blending distillate fuel oil and residual fuel oil stocks. It conforms to ASTM Specification D 396 or Federal Specification VV-F-815C and is used extensively in industrial plants and in commercial burner installations that are not equipped with preheating facilities. It also includes No. 4 diesel fuel used for low- and medium-speed diesel engines and conforms to ASTM Specification D 975.

No. 4 Diesel Fuel. See **No. 4 Fuel**.

No. 4 Fuel Oil. See **No. 4 Fuel**.

Electricity (Purchased). Electricity purchased for refinery operations that is not produced within the refinery complex.

Ending Stocks. Primary stocks of crude oil and petroleum products held in storage as of 12 midnight on the last day of the month. Primary stocks include crude oil or petroleum products held in storage at (or in) leases, refineries, natural gas processing plants, pipelines, tank farms, and bulk terminals that can store at least 50,000 barrels of petroleum products or that can receive petroleum products by tanker, barge, or pipeline. Crude oil that is in-transit by water from Alaska, or that is stored on Federal leases or in the Strategic Petroleum Reserve is included. Primary Stocks exclude stocks of foreign origin that are held in bonded warehouse storage.

ETBE (Ethyl tertiary butyl ether) (CH₃)₃COC₂H₅. An oxygenate blend stock formed by the catalytic etherification of isobutylene with ethanol.

Ethane (C₂H₆). A normally gaseous straight-chain hydrocarbon. It is a colorless paraffinic gas that boils at a temperature of - 127.48 degrees Fahrenheit. It is extracted from natural gas and refinery gas streams.

Ether. A generic term applied to a group of organic chemical compounds composed of carbon, hydrogen, and oxygen, characterized by an oxygen atom attached to two carbon atoms (e.g., methyl tertiary butyl ether).

Ethylene (C₂H₄). An olefinic hydrocarbon recovered from refinery processes or petrochemical processes. Ethylene is used as a petrochemical feedstock for numerous chemical applications and the production of consumer goods.

Exports. Shipments of crude oil and petroleum products from the 50 States and the District of Columbia to foreign countries, Puerto Rico, the Virgin Islands, and other U.S. possessions and territories.

Field Production. Represents crude oil production on leases, natural gas liquids production at natural gas processing plants, new supply of other hydrocarbons/oxygenates and motor gasoline blending components, and fuel ethanol blended into finished motor gasoline.

Flexicoking. A thermal cracking process which converts heavy

hydrocarbons such as crude oil, tar sands bitumen, and distillation residues into light hydrocarbons. Feedstocks can be any pumpable hydrocarbons including those containing high concentrations of sulfur and metals.

Fluid Coking. A thermal cracking process utilizing the fluidized-solids technique to remove carbon (coke) for continuous conversion of heavy, low-grade oils into lighter products.

Fresh Feed Input. Represents input of material (crude oil, unfinished oils, natural gas liquids, other hydrocarbons and oxygenates or finished products) to processing units at a refinery that is being processed (input) into a particular unit for the first time.

Examples:

(1.) Unfinished oils coming out of a crude oil distillation unit which are input into a catalytic cracking unit are considered fresh feed to the catalytic cracking unit.

(2.) Unfinished oils coming out of a catalytic cracking unit being looped back into the same catalytic cracking unit to be reprocessed are not considered fresh feed.

Fuel Ethanol (C₂H₅OH). An anhydrous alcohol (ethanol with less than 1% water) intended for gasoline blending as described in Oxygenates definition.

Fuels Solvent Deasphalting. A refining process for removing asphalt compounds from petroleum fractions, such as reduced crude oil. The recovered stream from this process is used to produce fuel products.

Gas Oil. A liquid petroleum distillate having a viscosity intermediate between that of kerosene and lubricating oil. It derives its name from having originally been used in the manufacture of illuminating gas. It is now used to produce distillate fuel oils and gasoline.

Gasohol. A blend of finished motor gasoline containing alcohol (generally ethanol but sometimes methanol) at a concentration of 10 percent or less by volume. Data on gasohol that has at least 2.7 percent oxygen, by weight, and is intended for sale inside carbon monoxide nonattainment areas are included in data on oxygenated gasoline. See **Oxygenates**.

Gasoline Blending Components. Naphthas which will be used for blending or compounding into finished aviation or motor gasoline (e.g., straight-run gasoline, alkylate, reformate, benzene, toluene, and xylene). Excludes oxygenates (alcohols, ethers), butane, and pentanes plus.

Gasoline Treated as Blendstock (GTAB). See **Motor Gasoline Blending Components**.

Gross Input to Atmospheric Crude Oil Distillation Units. Total input to atmospheric crude oil distillation units. Includes all crude oil, lease condensate, natural gas plant liquids, unfinished oils, liquefied refinery gases, slop oils, and other liquid hydrocarbons produced from tar sands, gilsonite, and oil shale.

Heavy Gas Oil. Petroleum distillates with an approximate boiling

range from 651 degrees Fahrenheit to 1000 degrees Fahrenheit.

High-Sulfur Distillate Fuel Oil. Distillate fuel oil having sulfur content greater than 500 ppm.

Hydrogen. The lightest of all gases, occurring chiefly in combination with oxygen in water; exists also in acids, bases, alcohols, petroleum, and other hydrocarbons.

Idle Capacity. The component of operable capacity that is not in operation and not under active repair, but capable of being placed in operation within 30 days; and capacity not in operation but under active repair that can be completed within 90 days.

Imported Crude Oil Burned As Fuel. The amount of foreign crude oil burned as a fuel oil, usually as residual fuel oil, without being processed as such. Imported crude oil burned as fuel includes lease condensate and liquid hydrocarbons produced from tar sands, gilsonite, and oil shale.

Imports. Receipts of crude oil and petroleum products into the 50 States and the District of Columbia from foreign countries, Puerto Rico, the Virgin Islands, and other U.S. possessions and territories.

Isobutane (C_4H_{10}). A normally gaseous branch-chain hydrocarbon. It is a colorless paraffinic gas that boils at a temperature of 10.9 degrees Fahrenheit. It is extracted from natural gas or refinery gas streams.

Isobutylene (C_4H_8). An olefinic hydrocarbon recovered from refinery processes or petrochemical processes.

Isohexane (C_6H_{14}). A saturated branch-chain hydrocarbon. It is a colorless liquid that boils at a temperature of 156.2 degrees Fahrenheit.

Isomerization. A refining process which alters the fundamental arrangement of atoms in the molecule without adding or removing anything from the original material. Used to convert normal butane into isobutane (C_4), an alkylation process feedstock, and normal pentane and hexane into isopentane (C_5) and isohexane (C_6), high-octane gasoline components.

Isopentane. See *Natural Gasoline and Isopentane*.

Kerosene. A light petroleum distillate that is used in space heaters, cook stoves, and water heaters and is suitable for use as a light source when burned in wick-fed lamps. Kerosene has a maximum distillation temperature of 400 degrees Fahrenheit at the 10-percent recovery point, a final boiling point of 572 degrees Fahrenheit, and a minimum flash point of 100 degrees Fahrenheit. Included are No. 1-K and No. 2-K, the two grades recognized by ASTM Specification D 3699 as well as all other grades of kerosene called range or stove oil, which have properties similar to those of No. 1 fuel oil. See *Kerosene-Type Jet Fuel*.

Kerosene-Type Jet Fuel. A kerosene-based product having a maximum distillation temperature of 400 degrees Fahrenheit at the 10-percent recovery point and a final maximum boiling point of 572 degrees Fahrenheit and meeting ASTM Specification D 1655 and Military Specifications MIL-T-5624P and MIL-T-83133D (Grades JP-5 and JP-8). It is used for commercial and military turbojet and turboprop aircraft engines.

Commercial. Kerosene-type jet fuel intended for use in commercial aircraft.

Military. Kerosene-type jet fuel intended for use in military aircraft.

Lease Condensate. A mixture consisting primarily of pentanes and heavier hydrocarbons which is recovered as a liquid from natural gas in lease separation facilities. This category excludes natural gas liquids, such as butane and propane, which are recovered at downstream natural gas processing plants or facilities. See *Natural Gas Liquids*.

Light Gas Oils. Liquid Petroleum distillates heavier than naphtha, with an approximate boiling range from 401 degrees Fahrenheit to 650 degrees Fahrenheit.

Liquefied Petroleum Gases (LPG). A group of hydrocarbon-based gases derived from crude oil refining or natural gas fractionation. They include: ethane, ethylene, propane, propylene, normal butane, butylene, isobutane, and isobutylene. For convenience of transportation, these gases are liquefied through pressurization.

Liquefied Refinery Gases (LRG). Liquefied petroleum gases fractionated from refinery or still gases. Through compression and/or refrigeration, they are retained in the liquid state. The reported categories are ethane/ethylene, propane/propylene, normal butane/butylene, and isobutane/isobutylene. Excludes still gas.

Low-Sulfur Distillate Fuel Oil. Distillate fuel oil having sulfur content greater than 15 ppm to 500 ppm. Low sulfur distillate fuel oil also includes product with sulfur content equal to or less than 15 ppm if the product is intended for pipeline shipment and the pipeline has a sulfur specification below 15 ppm.

Lubricants. Substances used to reduce friction between bearing surfaces or as process materials either incorporated into other materials used as processing aids in the manufacture of other products, or used as carriers of other materials. Petroleum lubricants may be produced either from distillates or residues. Lubricants include all grades of lubricating oils from spindle oil to cylinder oil and those used in greases.

Merchant Oxygenate Plants. Oxygenate production facilities that are not associated with a petroleum refinery. Production from these facilities is sold under contract or on the spot market to refiners or other gasoline blenders.

Methanol (CH_3OH). A light, volatile alcohol intended for gasoline blending as described in Oxygenate definition.

Middle Distillates. A general classification of refined petroleum products that includes distillate fuel oil and kerosene.

Military Kerosene-Type Jet Fuel. See *Kerosene-Type Jet Fuel*.

Miscellaneous Products. Includes all finished products not classified elsewhere (e.g., petrolatum, lube refining byproducts (aromatic extracts and tars), absorption oils, ram-jet fuel, petroleum rocket fuels, synthetic natural gas feedstocks, and specialty oils). Note:

Beginning with January 2004 data, naphtha-type jet fuel is included in Miscellaneous Products.

Motor Gasoline (Finished). A complex mixture of relatively volatile hydrocarbons with or without small quantities of additives, blended to form a fuel suitable for use in spark-ignition engines. Motor gasoline, as defined in ASTM Specification D 4814 or Federal Specification VV-G-1690C, is characterized as having a boiling range of 122 to 158 degrees Fahrenheit at the 10 percent recovery point to 365 to 374 degrees Fahrenheit at the 90 percent recovery point. "Motor Gasoline" includes conventional gasoline; all types of oxygenated gasoline, including gasohol; and reformulated gasoline, but excludes aviation gasoline. Volumetric data on blending components, such as oxygenates, are not counted in data on finished motor gasoline until the blending components are blended into the gasoline. Note: E85 is included only in volumetric data on finished motor gasoline production and other components of product supplied.

Conventional Gasoline. Finished motor gasoline not included in the oxygenated or reformulated gasoline categories. Note: This category excludes reformulated gasoline blendstock for oxygenate blending (RBOB) as well as other blendstock.

Ed 55 and Lower. Finished conventional motor gasoline blended with a maximum of 55 volume percent denatured fuel ethanol.

Greater than Ed55. Finished conventional motor gasoline blended with denatured fuel ethanol where the volume percent of denatured fuel ethanol exceeds 55%.

OPRG. "Oxygenated Fuels Program Reformulated Gasoline" is reformulated gasoline which is intended for use in an oxygenated fuels program control area.

Oxygenated Gasoline (Including Gasohol). Oxygenated gasoline includes all finished motor gasoline, other than reformulated gasoline, having oxygen content of 2.0 percent or higher by weight. Gasohol containing a minimum 5.7 percent ethanol by volume is included in oxygenated gasoline. Oxygenated gasoline was reported as a separate product from January 1993 until December 2003 inclusive. Beginning with monthly data for January 2004, oxygenated gasoline is included in conventional gasoline. Historical data for oxygenated gasoline excluded Federal Oxygenated Program Reformulated Gasoline (OPRG). Historical oxygenated gasoline data also excluded other reformulated gasoline with a seasonal oxygen requirement regardless of season.

Reformulated Gasoline. Finished gasoline formulated for use in motor vehicles, the composition and properties of which meet the requirements of the reformulated gasoline regulations promulgated by the U.S. Environmental Protection Agency under Section 211(k) of the Clean Air Act. It includes gasoline produced to meet or exceed emissions performance and benzene content standards of federal-program reformulated gasoline even though the gasoline

may not meet all of the composition requirements (e.g., oxygen content) of federal-program reformulated gasoline. Note: This category includes Oxygenated Fuels Program Reformulated Gasoline (OPRG). Reformulated gasoline excludes Reformulated Blendstock for Oxygenate Blending (RBOB) and Gasoline Treated as Blendstock (GTAB).

Reformulated (Blended with Alcohol). Reformulated gasoline blended with an alcohol component (e.g., fuel ethanol) at a terminal or refinery to raise the oxygen content.

Reformulated (Blended with Ether). Reformulated gasoline blended with an ether component (e.g., methyl tertiary butyl ether) at a terminal or refinery to raise the oxygen content.

Reformulated (Non-Oxygenated). Reformulated gasoline without added ether or alcohol components.

Motor Gasoline Blending. Mechanical mixing of motor gasoline blending components, and oxygenates when required, to produce finished motor gasoline. Finished motor gasoline may be further mixed with other motor gasoline blending components or oxygenates, resulting in increased volumes of finished motor gasoline and/or changes in the formulation of finished motor gasoline (e.g., conventional motor gasoline mixed with MTBE to produce oxygenated motor gasoline).

Motor Gasoline Blending Components. Naphthas (e.g., straight-run gasoline, alkylate, reformate, benzene, toluene, xylene) used for blending or compounding into finished motor gasoline. These components include reformulated gasoline blendstock for oxygenate blending (RBOB) but exclude oxygenates (alcohols, ethers), butane, and pentanes plus. Note: Oxygenates are reported as individual components and are included in the total for other hydrocarbons, hydrogens, and oxygenates.

Conventional Blendstock for Oxygenate Blending (CBOB). Conventional gasoline blendstock intended for blending with oxygenates downstream of the refinery where it was produced. CBOB must become conventional gasoline after blending with oxygenates. Motor gasoline blending components that require blending other than with oxygenates to become finished conventional gasoline are reported as All Other Motor Gasoline Blending Components. Excludes reformulated blendstock for oxygenate blending (RBOB).

Gasoline Treated as Blendstock (GTAB). Non-certified Foreign Refinery gasoline classified by an importer as blendstock to be either blended or reclassified with respect to reformulated or conventional gasoline. GTAB was classified on EIA surveys as either reformulated or conventional based on emissions performance and the intended end use in data through the end of December 2009. Designation of GTAB as reformulated or conventional was discontinued beginning with data for January 2010. GTAB was reported as a single product beginning with data for January 2010. GTAB data for January 2010 and later months is presented as conventional

motor gasoline blending components when reported as a subset of motor gasoline blending components.

Reformulated Blendstock for Oxygenate Blending (RBOB). Specially produced reformulated gasoline blendstock intended for blending with oxygenates downstream of the refinery where it was produced. Includes RBOB used to meet requirements of the Federal reformulated gasoline program and other blendstock intended for blending with oxygenates to produce finished gasoline that meets or exceeds emissions performance requirements of Federal reformulated gasoline (e.g., California RBOB and Arizona RBOB). Excludes conventional gasoline blendstocks for oxygenate blending (CBOB).

RBOB for Blending with Alcohol. Motor gasoline blending components intended to be blended with an alcohol component (e.g., fuel ethanol) at a terminal or refinery to raise the oxygen content. RBOB product detail by type of oxygenate was discontinued effective with data for January 2010. Beginning with data for January 2010, RBOB was reported as a single product.

RBOB for Blending with Ether. Motor gasoline blending components intended to be blended with an ether component (e.g., methyl tertiary butyl ether) at a terminal or refinery to raise the oxygen content. RBOB product detail by type of oxygenate was discontinued effective with data for January 2010. Beginning with data for January 2010, RBOB was reported as a single product.

All Other Motor Gasoline Blending Components. Naphthas (e.g., straight-run gasoline, alkylate, reformate, benzene, toluene, xylene) used for blending or compounding into finished motor gasoline. Includes receipts and inputs of Gasoline Treated as Blendstock (GTAB). Excludes conventional blendstock for oxygenate blending (CBOB), reformulated blendstock for oxygenate blending, oxygenates (e.g. fuel ethanol and methyl tertiary butyl ether), butane, and pentanes plus.

MTBE (Methyl tertiary butyl ether) $(CH_3)_3COCH_3$. An ether intended for gasoline blending as described in Oxygenate definition.

Naphtha. A generic term applied to a petroleum fraction with an approximate boiling range between 122 degrees Fahrenheit and 400 degrees Fahrenheit.

Naphtha Less Than 401° F. See *Petrochemical Feedstocks*.

Naphtha-Type Jet Fuel. A fuel in the heavy naphtha boiling range having an average gravity of 52.8 degrees API, 20 to 90 percent distillation temperatures of 290 degrees to 470 degrees Fahrenheit, and meeting Military Specification MIL-T-5624L (Grade JP-4). It is used primarily for military turbojet and turboprop aircraft engines because it has a lower freeze point than other aviation fuels and meets engine requirements at high altitudes and speeds. Note: Beginning with January 2004 data, naphtha-type jet fuel is included in *Miscellaneous Products*.

Natural Gas. A gaseous mixture of hydrocarbon compounds, the primary one being **methane**.

Natural Gas Field Facility. A field facility designed to process natural gas produced from more than one lease for the purpose of recovering condensate from a stream of natural gas; however, some field facilities are designed to recover propane, normal butane, pentanes plus, etc., and to control the quality of natural gas to be marketed.

Natural Gas Liquids. Those hydrocarbons in natural gas that are separated from the gas as liquids through the process of absorption, condensation, adsorption, or other methods in gas processing or cycling plants. Generally such liquids consist of propane and heavier hydrocarbons and are commonly referred to as lease condensate, natural gasoline, and liquefied petroleum gases. Natural gas liquids include natural gas plant liquids (primarily ethane, propane, butane, and isobutane; see *Natural Gas Plant Liquids*) and lease condensate (primarily pentanes produced from natural gas at lease separators and field facilities; see *Lease Condensate*).

Natural Gas Plant Liquids. Those hydrocarbons in natural gas that are separated as liquids at natural gas processing plants, fractionating and cycling plants, and, in some instances, field facilities. Lease condensate is excluded. Products obtained include ethane; liquefied petroleum gases (propane, butanes, propane-butane mixtures, ethane-propane mixtures); isopentane; and other small quantities of finished products, such as motor gasoline, special naphthas, jet fuel, kerosene, and distillate fuel oil.

Natural Gas Processing Plant. Facilities designed to recover natural gas liquids from a stream of natural gas that may or may not have passed through lease separators and/or field separation facilities. These facilities control the quality of the natural gas to be marketed. Cycling plants are classified as gas processing plants.

Natural Gasoline and Isopentane. A mixture of hydrocarbons, mostly pentanes and heavier, extracted from natural gas, that meets vapor pressure, end-point, and other specifications for natural gasoline set by the Gas Processors Association. Includes isopentane which is a saturated branch-chain hydrocarbon, (C_5H_{12}) , obtained by fractionation of natural gasoline or isomerization of normal pentane.

Net Receipts. The difference between total movements into and total movements out of each PAD District by pipeline, tanker, and barge.

Normal Butane. See *Butane*.

OPEC. An intergovernmental organization whose stated objective is to coordinate and unify petroleum policies of member countries. It was created at the Baghdad Conference on September 10–14, 1960. Current members (with years of membership) include Algeria (1969-present), Angola (2007-present), Ecuador (1973-1992 and 2007-present), Iran (1960-present), Iraq (1960-present), Kuwait (1960-present), Libya (1962-present), Nigeria (1971-present), Qatar (1961-present), Saudi Arabia (1960-present), United Arab Emirates (1967-present), and Venezuela (1960-present). Countries no longer members of OPEC include Gabon (1975-1994) and Indonesia (1962-2008).

Operable Capacity. The amount of capacity that, at the beginning of the period, is in operation; not in operation and not under active repair, but capable of being placed in operation within 30 days; or not in operation but under active repair that can be completed within 90 days. Operable capacity is the sum of the operating and idle capacity and is measured in barrels per calendar day or barrels per stream day.

Operable Utilization Rate. Represents the utilization of the atmospheric crude oil distillation units. The rate is calculated by dividing the gross input to these units by the operable refining capacity of the units.

Operating Capacity. The component of operable capacity that is in operation at the beginning of the period.

Operating Utilization Rate. Represents the utilization of the atmospheric crude oil distillation units. The rate is calculated by dividing the gross input to these units by the operating refining capacity of the units.

Other Hydrocarbons. Materials received by a refinery and consumed as a raw material. Includes hydrogen, coal tar derivatives, gilsonite, and natural gas received by the refinery for reforming into hydrogen. Natural gas to be used as fuel is excluded.

Other Oils Equal To or Greater Than 401° F. See *Petrochemical Feedstocks*.

Other Oxygenates. Other aliphatic alcohols and aliphatic ethers intended for motor gasoline blending (e.g., isopropyl ether (IPE) or n-propanol).

Oxygenated Gasoline. See *Motor Gasoline (Finished)*.

Oxygenates. Substances which, when added to gasoline, increase the amount of oxygen in that gasoline blend. Fuel Ethanol, Methyl Tertiary Butyl Ether (MTBE), Ethyl Tertiary Butyl Ether (ETBE), and methanol are common oxygenates.

Fuel Ethanol. Blends of up to 10 percent by volume anhydrous ethanol (200 proof) (commonly referred to as the “gasohol waiver”).

Methanol. Blends of methanol and gasoline-grade tertiary butyl alcohol (GTBA) such that the total oxygen content does not exceed 3.5 percent by weight and the ratio of methanol to GTBA is less than or equal to 1. It is also specified that this blended fuel must meet ASTM volatility specifications (commonly referred to as the “ARCO” waiver).

Blends of up to 5.0 percent by volume methanol with a minimum of 2.5 percent by volume cosolvent alcohols having a carbon number of 4 or less (i.e., ethanol, propanol, butanol, and/or GTBA). The total oxygen must not exceed 3.7 percent by weight, and the blend must meet ASTM volatility specifications as well as phase separation and alcohol purity specifications (commonly referred to as the “DuPont” waiver).

MTBE (Methyl tertiary butyl ether). Blends up to 15.0

percent by volume MTBE which must meet the ASTM D4814 specifications. Blenders must take precautions that the blends are not used as base gasolines for other oxygenated blends (commonly referred to as the “Sun” waiver).

Pentanes Plus. A mixture of hydrocarbons, mostly pentanes and heavier, extracted from natural gas. Includes isopentane, natural gasoline, and plant condensate.

Persian Gulf. The countries that comprise the Persian Gulf are: Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and the United Arab Emirates.

Petrochemical Feedstocks. Chemical feedstocks derived from petroleum principally for the manufacture of chemicals, synthetic rubber, and a variety of plastics. The categories reported are “Naphtha Less Than 401° F” and “Other Oils Equal To or Greater Than 401° F.”

Naphtha Less Than 401° F. A naphtha with a boiling range of less than 401 degrees Fahrenheit that is intended for use as a petrochemical feedstock.

Other Oils Equal To or Greater Than 401° F. Oils with a boiling range equal to or greater than 401 degrees Fahrenheit that are intended for use as a petrochemical feedstock.

Petroleum Administration for Defense (PAD) Districts. Geographic aggregations of the 50 States and the District of Columbia into five districts by the Petroleum Administration for Defense in 1950. These districts were originally defined during World War II for purposes of administering oil allocation.

Petroleum Coke. A residue high in carbon content and low in hydrogen that is the final product of thermal decomposition in the condensation process in cracking. This product is reported as marketable coke or catalyst coke. The conversion is 5 barrels (of 42 U.S. gallons each) per short ton. Coke from petroleum has a heating value of 6.024 million Btu per barrel.

Catalyst Coke. In many catalytic operations (e.g., catalytic cracking) carbon is deposited on the catalyst, thus deactivating the catalyst. The catalyst is reactivated by burning off the carbon, which is used as a fuel in the refining process. This carbon or coke is not recoverable in a concentrated form.

Marketable Coke. Those grades of coke produced in delayed or fluid cokers which may be recovered as relatively pure carbon. This “green” coke may be sold as is or further purified by calcining.

Petroleum Products. Petroleum products are obtained from the processing of crude oil (including lease condensate), natural gas, and other hydrocarbon compounds. Petroleum products include unfinished oils, liquefied petroleum gases, pentanes plus, aviation gasoline, motor gasoline, naphtha-type jet fuel, kerosene-type jet fuel, kerosene, distillate fuel oil, residual fuel oil, petrochemical feedstocks, special naphthas, lubricants, waxes, petroleum coke, asphalt, road oil, still gas, and miscellaneous products.

Pipeline (Petroleum). Crude oil and product pipelines used to transport crude oil and petroleum products respectively, (including

interstate, intrastate, and intracompany pipelines) within the 50 States and the District of Columbia.

Plant Condensate. One of the natural gas liquids, mostly pentanes and heavier hydrocarbons, recovered and separated as liquids at gas inlet separators or scrubbers in processing plants.

Processing Gain. The volumetric amount by which total output is greater than input for a given period of time. This difference is due to the processing of crude oil into products which, in total, have a lower specific gravity than the crude oil processed.

Processing Loss. The volumetric amount by which total refinery output is less than input for a given period of time. This difference is due to the processing of crude oil into products which, in total, have a higher specific gravity than the crude oil processed.

Product Supplied, Crude Oil. Crude oil burned on leases and by pipelines as fuel.

Production Capacity. The maximum amount of product that can be produced from processing facilities.

Products Supplied. Approximately represents consumption of petroleum products because it measures the disappearance of these products from primary sources, i.e., refineries, natural gas processing plants, blending plants, pipelines, and bulk terminals. In general, product supplied of each product in any given period is computed as follows: field production, plus refinery production, plus imports, plus unaccounted for crude oil, (plus net receipts when calculated on a PAD District basis), minus stock change, minus crude oil losses, minus refinery inputs, minus exports.

Propane (C_3H_8). A normally gaseous straight-chain hydrocarbon. It is a colorless paraffinic gas that boils at a temperature of - 43.67 degrees Fahrenheit. It is extracted from natural gas or refinery gas streams. It includes all products designated in ASTM Specification D1835 and Gas Processors Association Specifications for commercial propane and HD-5 propane.

Propylene (C_3H_6). An olefinic hydrocarbon recovered from refinery processes or petrochemical processes.

Propylene (C_3H_6) (nonfuel use). Propylene that is intended for use in nonfuel applications such as petrochemical manufacturing. Nonfuel use propylene includes chemical-grade propylene, polymer-grade propylene, and trace amounts of propane. Nonfuel use propylene also includes the propylene component of propane/propylene mixes where the propylene will be separated from the mix in a propane/propylene splitting process. Excluded is the propylene component of propane/propylene mixes where the propylene component of the mix is intended for sale into the fuel market.

Refinery. An installation that manufactures finished petroleum products from crude oil, unfinished oils, natural gas liquids, other hydrocarbons, and oxygenates.

Refinery-Grade Butane. See *Butane*.

Refinery Input, Crude Oil. Total crude oil (domestic plus foreign) input to crude oil distillation units and other refinery processing units (cokers, etc.).

Refinery Input, Total. The raw materials and intermediate materials processed at refineries to produce finished petroleum products. They include crude oil, products of natural gas processing plants, unfinished oils, other hydrocarbons and oxygenates, motor gasoline and aviation gasoline blending components and finished petroleum products.

Refinery Production. Petroleum products produced at a refinery or blending plant. Published production of these products equals refinery production minus refinery input. Negative production will occur when the amount of a product produced during the month is less than the amount of that same product that is reprocessed (input) or reclassified to become another product during the same month. Refinery production of unfinished oils, and motor and aviation gasoline blending components appear on a net basis under refinery input.

Refinery Yield. Refinery yield (expressed as a percentage) represents the percent of finished product produced from input of crude oil and net input of unfinished oils. It is calculated by dividing the sum of crude oil and net unfinished input into the individual net production of finished products. Before calculating the yield for finished motor gasoline, the input of natural gas liquids, other hydrocarbons and oxygenates, and net input of motor gasoline blending components must be subtracted from the net production of finished motor gasoline. Before calculating the yield for finished aviation gasoline, input of aviation gasoline blending components must be subtracted from the net production of finished aviation gasoline.

Reformulated Blendstock for Oxygenate Blending (RBOB). See *Motor Gasoline Blending Components*.

Reformulated Gasoline. See *Motor Gasoline (Finished)*.

Renewable Fuels (Other). Fuels and fuel blending components, except biomass-based diesel fuel, renewable diesel fuel, and fuel ethanol, produced from renewable biomass.

Residual Fuel Oil. A general classification for the heavier oils, known as No. 5 and No. 6 fuel oils, that remain after the distillate fuel oils and lighter hydrocarbons are distilled away in refinery operations. It conforms to ASTM Specifications D 396 and D 975 and Federal Specification VV-F-815C. No. 5, a residual fuel oil of medium viscosity, is also known as Navy Special and is defined in Military Specification MIL-F-859E, including Amendment 2 (NATO Symbol F-770). It is used in steam-powered vessels in government service and inshore power plants. No. 6 fuel oil includes Bunker C fuel oil and is used for the production of electric power, space heating, vessel bunkering, and various industrial purposes.

Residuum. Residue from crude oil after distilling off all but the heaviest components, with a boiling range greater than 1000 degrees Fahrenheit.

Road Oil. Any heavy petroleum oil, including residual asphaltic oil used as a dust palliative and surface treatment on roads and highways. It is generally produced in six grades from 0, the most liquid, to 5, the most viscous.

Shell Storage Capacity. The design capacity of a petroleum storage tank which is always greater than or equal to working storage capacity. Special Naphthas. All finished products within the naphtha boiling range that are used as paint thinners, cleaners, or solvents. These products are refined to a specified flash point. Special naphthas include all commercial hexane and cleaning solvents conforming to ASTM Specification D1836 and D484, respectively. Naphthas to be blended or marketed as motor gasoline or aviation gasoline, or that are to be used as petrochemical and synthetic natural gas (SNG) feedstocks are excluded.

Steam (Purchased). Steam, purchased for use by a refinery, that was not generated from within the refinery complex.

Still Gas (Refinery Gas). Any form or mixture of gases produced in refineries by distillation, cracking, reforming, and other processes. The principal constituents are methane, ethane, ethylene, normal butane, butylene, propane, propylene, etc. Still gas is used as a refinery fuel and a petrochemical feedstock. The conversion factor is 6 million BTU's per fuel oil equivalent barrel.

Stock Change. The difference between stocks at the beginning of the reporting period and stocks at the end of the reporting period. Note: A negative number indicates a decrease (i.e., a drawdown) in stocks and a positive number indicates an increase (i.e., a buildup) in stocks during the reporting period.

Strategic Petroleum Reserve (SPR). Petroleum stocks maintained by the Federal Government for use during periods of major supply interruption.

Sulfur. A yellowish nonmetallic element, sometimes known as "brimstone." It is present at various levels of concentration in many fossil fuels whose combustion releases sulfur compounds that are considered harmful to the environment. Some of the most commonly used fossil fuels are categorized according to their sulfur content, with lower sulfur fuels usually selling at a higher price. Note: No. 2 Distillate fuel is currently reported as having either a 0.05 percent or lower sulfur level for on-highway vehicle use or a greater than 0.05 percent sulfur level for off-highway use, home heating oil, and commercial and industrial uses. Residual fuel, regardless of use, is classified as having either no more than 1 percent sulfur or greater than 1 percent sulfur. Coal is also classified as being low-sulfur at concentrations of 1 percent or less or high-sulfur at concentrations greater than 1 percent.

Supply. The components of petroleum supply are field production, refinery production, imports, and net receipts when calculated on a PAD District basis.

TAME (Tertiary amyl methyl ether) $(CH_3)_2(C_2H_5)COCH_3$. An oxygenate blend stock formed by the catalytic etherification of isoamylene with methanol.

Tank Farm. An installation used by gathering and trunk pipeline companies, crude oil producers, and terminal operators (except refineries) to store crude oil.

Tanker and Barge. Vessels that transport crude oil or petroleum products. Data are reported for movements between PAD Districts;

from a PAD District to the Panama Canal; or from the Panama Canal to a PAD District.

TBA (Tertiary butyl alcohol) $(CH_3)_3COH$. An alcohol primarily used as a chemical feedstock, a solvent or feedstock for isobutylene production for MTBE; produced as a co-product of propylene oxide production or by direct hydration of isobutylene.

Thermal Cracking. A refining process in which heat and pressure are used to break down, rearrange, or combine hydrocarbon molecules. Thermal cracking includes gas oil, visbreaking, fluid coking, delayed coking, and other thermal cracking processes (e.g., flexicoking). See individual categories for definition.

Toluene $(C_6H_5CH_3)$. Colorless liquid of the aromatic group of petroleum hydrocarbons, made by the catalytic reforming of petroleum naphthas containing methyl cyclohexane. A high-octane gasoline-blending agent, solvent, and chemical intermediate, base for TNT.

Ultra-Low Sulfur Distillate Fuel Oil. Distillate fuel oil having sulfur content of 15 ppm or lower. Ultra-low sulfur distillate fuel oil that will be shipped by pipeline must satisfy the sulfur specification of the shipping pipeline if the pipeline specification is below 15 ppm. Distillate fuel oil intended for pipeline shipment that fails to meet a pipeline sulfur specification that is below 15 ppm will be classified as low-sulfur distillate fuel oil.

Unaccounted for Crude Oil. Represents the arithmetic difference between the calculated supply and the calculated disposition of crude oil. The calculated supply is the sum of crude oil production plus imports minus changes in crude oil stocks. The calculated disposition of crude oil is the sum of crude oil input to refineries, crude oil exports, crude oil burned as fuel, and crude oil losses.

Unfinished Oils. All oils requiring further processing, except those requiring only mechanical blending. Unfinished oils are produced by partial refining of crude oil and include naphthas and lighter oils, kerosene and light gas oils, heavy gas oils, and residuum.

Unfractionated Streams. Mixtures of unsegregated natural gas liquid components excluding those in plant condensate. This product is extracted from natural gas.

United States. The United States is defined as the 50 States and the District of Columbia.

Vacuum Distillation. Distillation under reduced pressure (less the atmospheric) which lowers the boiling temperature of the liquid being distilled. This technique with its relatively low temperatures prevents cracking or decomposition of the charge stock.

Visbreaking. A thermal cracking process in which heavy atmospheric or vacuum-still bottoms are cracked at moderate temperatures to increase production of distillate products and reduce viscosity of the distillation residues.

Wax. A solid or semi-solid material at 77 degrees Fahrenheit consisting of a mixture of hydrocarbons obtained or derived from petroleum fractions, or through a Fischer-Tropsch type process, in which the straight-chained paraffin series predominates. This includes

all marketable wax, whether crude or refined, with a congealing point (ASTM D 938) between 80 (or 85) and 240 degrees Fahrenheit and a maximum oil content (ASTM D 3235) of 50 weight percent.

Working Storage Capacity. The difference in volume between the maximum safe fill capacity and the quantity below which pump suction is ineffective (bottoms).

Xylene ($C_6H_4(CH_3)_2$). Colorless liquid of the aromatic group of hydrocarbons made the catalytic reforming of certain naphthenic petroleum fractions. Used as high-octane motor and aviation gasoline blending agents, solvents, chemical intermediates. Isomers are metaxylene, orthoxylene, paraxylene.